City of Grand Junction: Engineering Intern

Posted: 2/17/2020

The City of Grand Junction’s Community Development Department is seeking an Engineering Intern wanting to gain experience in traffic, environmental compliance, utilities, and general civil engineering. The Intern may assist with updating and maintaining the water, sewer, storm drain, streets improvement standard details, specifications, and operating manuals. May also assist with traffic studies, drafting, surveying, construction oversight, and plan review.

This paid opportunity may be completed for an academic credit internship if approved by your institution, or may be worked as a part-time job if you choose.

What You'll Do:
- CAD drafting standard details
- Storm water management
- Plan reviews
- Construction inspections
- Organize & catalog engineering archives
- Transportation planning
- Asset management GIS liaison

What We’re Looking For:
- A working knowledge of AutoCAD and GIS systems is required
- Proficiency with MS Office software including Excel, Word, PowerPoint, Publisher, Access, and OneNote

Educational Requirements: Must be a junior or senior at Colorado Mesa University currently enrolled in an Engineering program (CMU/CU Boulder Civil Engineering students accepted); OR a Western Colorado Community College student enrolled in an associate degree or certificate program for Engineering Technology or Drafting.

Supplemental Information:

Part-time position: Up to 20 hours per week; may be one or two years in duration beginning spring 2020

Work schedule: Generally between 8:00 am to 5:00 pm Monday through Friday; will be flexible to work around student’s class schedule

Application Instructions: Applicants must apply through the City of Grand Junction Website: https://www.govemmentjobs.com/careers/gjcity/promotionaljobs

For information about the application process, contact Alecia Dembowski at aleciad@gjcity.org or 970.244.1512
**Western Filament, Inc.: Engineering Intern**  
Posted 2/4/20

Western Filament is looking for an engineering intern to help troubleshoot, document, and standardize equipment and workstation processes. This person must be:

- A problem solver
- Self-motivated
- Mechanically inclined
- Able to understand, troubleshoot, and manipulate simple electrical circuits (mostly relays and potentiometers)
- Able to communicate with operators and work as a team to solve problems
- Able to write and revise technical documents within company guidelines
- Familiar with Lean/6S strategies

Please have any interested students email their resume to Garrett Rodstrom at garrettr@wfilament.com

**Eureka! McConnell Science Museum: STEAM Intern**  
Posted 2/4/20

The EUREKA! McConnell Science Museum is seeking dedicated, customer service-oriented individuals to be Science Technology Engineering Art and Math (STEAM) Interns. Interns will be responsible for engaging and educating children in preschool through 12th grade about STEAM using demonstrations and hands-on activities. STEAM Interns deliver educational content in camp programs, birthday parties, school groups, and outreach demonstrations.

The individuals in these positions will be responsible for developing and co-instructing STEAM lessons, providing inquiry-based feedback to program participants, and managing classroom behavior. The interns will provide oversight to high school students who are enrolled in the Counselor in Training (CIT) Program. This highly responsible position requires a strong leader who is passionate about science education, has a desire to work with youth, and who can provide meaningful, fun learning experiences to program participants.

**MINIMUM QUALIFICATIONS**

- Full time college student enrolled in a degree program related to STEAM and / or education
- GPA of 3.0 or higher
- Successful outcomes on a criminal background check

**LICENSES, CERTIFICATES OR EQUIPMENT REQUIRED**

- CPR, First Aid, AED training required within 90 days of hire
DESIRED QUALIFICATIONS / EXPERIENCE

- Prefer experience working with youth

ADDITIONAL INFORMATION:

To apply, applicants must submit the following via email to the Intern Director, Austin Solko, at asolko@eurekasciencemuseum.org

- Application
- Resume
- Current school transcripts (unofficial is okay)
- Current school schedule

Fast Enterprises, LLC: Implementation Internship
Posted 11/1/19

Duration: Summer 2020
Wage: Competitive Hourly Wage
Location: Nationwide so students must be open to relocating for the summer (travel assistance to and from the location, as well as housing, is provided)
How to apply: Apply online on our website: https://www.fastenterprises.com/careers/positions/

Thoughts on the internship from a past summer intern:
“FAST Interns are a part of the FAST team from day one and share in the successes of their team. We get real-world experience and spend our time working on valuable and challenging projects. We work alongside other FASTies and government employees to determine the necessary functions of the software to implement changes and develop solutions to complex problems. This process includes meeting with government employees to determine needs, working as a part of a team to develop and execute a plan, and following through with testing of the solutions that the team has created. Every day includes new challenges and responsibilities which makes the job interesting and rewarding.”
– Nick, FASTie since 2013

Job Description:
Congratulations on exploring your career opportunities with FAST and taking the first step to becoming a FASTie! A FASTie? Yes, a FASTie.

FAST-ie \ˈfaeste\ noun
1. an energetic, intelligent, enthusiastic person who works at Fast Enterprises. 2. a person dedicated to modernizing government technology to better serve the general public. 3. someone who is open to adventure and wants to experience new places around the world. 4. someone who enjoys collaboration with clients and camaraderie with teammates while solving business and technology problems.
If the description below speaks to you, take 5 minutes (seriously, only 5 minutes) to apply!

As an Implementation Intern on our team, you will be involved with all phases of the implementation of our GenTax® software solution. We have sites across North America and abroad and interns should be flexible with respect to work locations.

Eligible interns should possess strong communication skills and should be pursuing a degree in:
- Computer Science,
- Computer/Management Information Systems, or
- Mathematics.

FAST may also consider interns from other areas of study when supplemented with technical experience or aptitude.

Exposure to specific technology is not required. However, experience in the following areas is desirable:
- MS Visual Basic.NET
- MS SQL Server

About Fast Enterprises, LLC:
Fast Enterprises was recognized as one of the Best Places to Work the past six years in a row on Glassdoor! At FAST, we specialize in providing premier products and services to government agencies. We work with city, county, state, provincial and national governments to implement systems that are used to administer a wide variety of public programs.

When you join FAST, you’ll be part of a team that provides quality customer service and superior solutions that are delivered on time and on budget.

You will consult and collaborate with FAST’s clients to understand their unique business processes and objectives, empowering them to use our products to maximize productivity, improve customer service, and achieve operational objectives. Your client management, problem solving, and communication skills will be honed as you work directly to determine our clients’ needs and configure our software to meet their goals and expectations.

**Absolute Radiometric Calibration Intern (Summer 2019) - Colorado Space Grant Summer Internship**
Posted 11/1/19

Assist remote sensing scientists at MAXAR with scientific field work to calibrate Earth observing satellites. Gain hands-on experience in the operation of field equipment for satellite radiometric assessment including field spectrometers, Sun photometers and weather instruments. MAXAR has summer openings for full-time absolute radiometric calibration interns. Students will work in the field collecting scientific data, as well as have projects to work on in the office during non-calibration days. The internships will begin in mid-May and work will continue through August within the university
summer break. We are seeking students who can commit to a full-time position for the summer. Hands-on training will be provided in the field and projects will be given according to skillset and interests.

Duties and Responsibilities:
- Work with a team of scientists and fellow interns to deploy calibration equipment throughout the summer at the Fort Lupton, CO, USA calibration range
- Split time between Colorado offices (Ft. Lupton, Longmont and Westminster)
- Maintain and operate scientific field equipment
- Assess field data and contribute to sensor calibration efforts
- Personal summer project assigned that relates to your major and interests

Minimum Requirements:
- Must be able to pick up moderately heavy equipment
- Must be able to work outdoors for extended periods of time
- Must be a reliable and punctual team player
- Must be a motivated self-starter
- Must have reliable transportation
- Undergraduate and graduate-level students encouraged
- Any and all majors encouraged to apply (Liberal arts, as well as science!)
- Must be a U.S. Citizen

Additional Qualifications:
- Experience with Python, GDAL in Linux environment a plus
About Maxar
MAXAR is a vertically integrated, new space economy story, including segments across the value continuum for every moment leading up to and following launch. We lead in satellite communications (building and operating), ground infrastructure, Earth observation, advanced analytics, insights from machine learning, next-generation propulsion, space robotics, on-orbit servicing, on-orbit assembly, and protection of space assets through cybersecurity and monitoring of space systems. By integrating our leading-edge capabilities, we provide innovative, cost-effective solutions, value for customers, and thus unlock the multiplier effect of our combined businesses.
Maxar Technologies values diversity in the workplace and is an equal opportunity/affirmative action employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected veteran status, age, or any other characteristic protected by law.

About Colorado Space Grant Consortium (COSGC)
The COSGC is funded by NASA and is a state-wide organization involving 21 colleges, universities and institutions around Colorado. Our organization provides Colorado students access to space through innovative courses, real-world hands-on telescope and satellite programs, and interactive outreach programs. Our students interact with engineers and scientists from NASA and aerospace companies to develop, test, and fly new space technologies and to support our outreach and teaching programs. We welcome all students and are always looking for ways to enhance their experience through new interactions and collaborations with NASA, government agencies, and companies.

Contact:
For further information you may contact Michele Kuester at MAXAR (mkuster@digitalglobe.com) or Chris Koehler with the Colorado Space Grant Consortium (koehler@Colorado.EDU). This position will be filled through the Colorado Space Grant Program.
http://spacegrant.colorado.edu/boulderstudents/howtogetinvolved

Apply by December 31st at 11:55pm by completing the form here:
https://forms.gle/qZTsa2dkggDATgXB9

Grand Junction Regional Airport: Project Intern

Posted: 11/1/2019

PURPOSE OF POSITION:
Pay is up to $16/hr. Under the direct supervision of the Airport Director of Planning and Development provide support for airport capital projects. Responsibilities include administration of activities undertaken by the Airport Authority including federal and state funded projects; provide coordination of airport maintenance, and operations activities in association with on-going projects at the Airport.

ESSENTIAL JOB FUNCTIONS:
- Assist with documentation for airfield planning, airspace planning, and capacity analysis to support Airfield Operations
- Assist in procurement services for the Airport, including: writing advertisements, RFQs, and RFPs
- Track contract work schedules and budgets
Maintain documents in accordance with FAA requirements
Assist with the development of project plans, specifications, and cost estimates.
Review consultant project plans to determine compliance with project specifications; and provide updates and recommendations to the Project Manager
Administration for professional services, confirm contract requirements are satisfied; and review invoices to provide recommendations to the Project Manager.
Conduct site visits, inspect construction and repair projects to provide updates to the Project Manager
Coordinate with other departments on project implementation and schedule.
Assist with the Airport’s Capital Improvement Program (CIP)
Assist with coordination and writing grant applications for the Airport
Provide necessary office administration functions including mailing, and filing
Perform all other duties as assigned

**JOB QUALIFICATION REQUIREMENTS:**

**Mandatory Requirements:**
Must currently have or in a degree program to obtain a Bachelor’s degree in Accounting, Management, Engineering, Architecture, Construction Management, or other related fields. Possess effective communication skills, and strong organizational skills. Must be willing to learn project management and design software.

Background Check: Employment with the Airport is contingent upon an education/experience background investigation, a fingerprint-based criminal history record check processed by the FBI, and upon the ability to be granted a security badge as mandated by the Transportation Security Administration.

**Personal Attributes**
- Be honest and trustworthy
- Be respectful
- Possess cultural awareness and sensitivity
- Demonstrate sound work ethics

**Special Requirements/Licenses:**
Possession of a valid Colorado driver’s license. Must have a safe driving record.

**SUPERVISION RECEIVED:**
Work is performed often without direct supervision after assignment of duties.

**SUPERVISORY RESPONSIBILITIES:**
Coordination with administrative staff.

**PHYSICAL DEMANDS:**
The physical demands represent those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
Strength and energy sufficient to maintain an active work schedule involving driving and/or physical exertion; hearing and speaking to exchange information; seeing to perform assigned duties; sitting or standing for extended periods of time; dexterity of hands and fingers to operate tools and equipment; kneeling, bending at the waist and reaching overhead, above the shoulders and horizontally as needed; lifting light to moderately heavy objects.

**TOOLS AND EQUIPMENT USED:**
Requires frequent use of personal computer, including Microsoft Office Suite, internet, and software programs; calculator, telephone, scanner, copy machine, and postage machine. This position requires use of Airport vehicles and equipment.

**WORK ENVIRONMENT:**
The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee occasionally works near moving mechanical parts, in high and precarious places and frequently exposed to outside weather conditions, fumes or airborne particles, toxic or caustic chemicals, and vibration. The noise level in the work environment is usually moderate, except during certain maintenance duties when noise levels may be loud. Employees in this position are required to work in areas or around equipment which may meet or exceed the OSHA Hearing Conservation sound level.

This position may require shift work, weekends, and holidays.

**To apply,** contact Eric Trinklein, Director of Planning and Development, at 970-244-9100 or etrinklein@gjairport.com

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**BLM Colorado State Office: Coal Program Intern**

**Posted: 10/22/2019**

The BLM is currently looking to fill an internship position that will serve as a Coal Program Assistant Intern, duty stationed at the BLM Colorado State Office in Lakewood, CO beginning in the Fall of 2019.

This intern’s duties would include assisting in processing coal leasing and post-leasing actions, reviewing and helping improve BLM Colorado NEPA processes, producing schedules and flowcharts for streamlining processes, assisting in filing scanning and record keeping and producing maps and drawings for engineering and geologic reports.

Qualifications for this internship include graduate of, or student currently enrolled in program to pursue a civil, mining, environmental engineering or related degree or physical science degree such as geology or environmental studies, as well as having experience with GIS mapping systems and planning.

The preferred start date - Fall 2019. This is a 480-hour position with possibility of extension.
To apply please email resume to Tiffany Weimer, Human Resources Manager: tweimer@mesapartners.org (Please include the position title in the subject line)

iD Tech: Multiple Summer Positions

Posted: 10/22/2019

Looking for a fun summer job that allows you to build your professional résumé while sharing your passion for technology? iD Tech is looking to hire over 1,600+ staff from across the world to show students, ages 7 to 18, firsthand how their interests in technology can turn into fun learning experiences.

We’re looking for energetic, tech-savvy summer staff who understand the need for quality technology education for students. So why not spend your summer instructing, mentoring, and building your résumé in one of our amazing programs?

We are hiring both:
Camp Directors (NO Tech Experience Needed! Perfect for future Educators/Leaders)
Camp Instructors (Majoring in Computer Science, Engineering, Game Development, or Media Arts)

Staff members receive competitive compensation, housing (overnight staff only), meals, custom-built apps supporting operations and curriculum, college internship credit (if applicable), performance management training, guidance from our experienced team of managers, and more.

Take the first step to a great summer! APPLY TODAY!

iDTech.com/jobs/summer-jobs

ShipBOX, Inc.: Software Intern

Posted 9/2/19

ABOUT ShipBOX - We are a disruptive, internet of things (IoT) technology startup developing and deploying artificially intelligent infrastructure for the retail package shipping industry. We have developed and tested our Phase 1 MVP, an app-connected, unstaffed kiosk that enables customers to ship or mail packages in a Convenient, Affordable, Quick and Easy manner (the acronym is C.A.Q.E., pronounced "cake" - so you could say we make shipping a piece of C.A.Q.E.). ShipBOX is based in Montrose, CO and has leadership and employees in Montrose, Delta, and Grand Junction.

SOFTWARE PROJECT OUTCOME - Using algorithms, help us reduce the number of choices offered to clients on our system (Apple and Android apps and a Windows-based kiosk) based on their past preferences (a type of Artificial Intelligence).
SOFTWARE PROJECT BACKGROUND - When customers ship or mail a package, each carrier has a large variety of options available. We intend to offer the services of 3-5 common carriers to our customers, thus inflating the options to a dizzyingly high number, making it difficult for the customer to make a choice. We need to tailor the options to the preferences to each customer. Criteria that might be relevant to the customer include: Price, Speed, Reliability of Service, Personal Preference of Service Provider, etc.

SOFTWARE PROJECT COMPENSATION - We will offer $16/hr up to 125 hours for this project. The hours can be done by one programmer or split between two or more programmers.

PROFICIENCIES - C#, Xamarin for mobile and UWP for kiosk

Apply by emailing David Crane, CEO at david@shipbox.com. Introduce yourself and list 3 to 4 times that would work to have a phone interview during the week. Selections for the position will be made based on the interviews.

ShipBOX, Inc.: Hardware Intern

Posted 9/2/19

ABOUT ShipBOX - We are a disruptive, internet of things (IoT) technology startup developing and deploying artificially intelligent infrastructure for the retail package shipping industry. We have developed and tested our Phase 1 MVP, an app-connected, unstaffed kiosk that enables customers to ship or mail packages in a Convenient, Affordable, Quick and Easy manner (the acronym is C.A.Q.E., pronounced "cake" - so you could say we make shipping a piece of C.A.Q.E.). ShipBOX is based in Montrose, CO and has leadership and employees in Montrose, Delta, and Grand Junction.

HARDWARE PROJECT OUTCOME - Design a functional and manufactureable two-door, package drop system that safely opens the front door on electronic command with the back door secured. Then close the front door and open the back door to enable the package to drop into a receptacle. The system must drop the package at least 18" behind the front door while maintaining a slope sufficient to cause the package to drop, but maximizing the space available for packages to accumulate in the bin. We need a solution that is lockable to restrict access to only our customers. This must be robust, reliable and safe for non-trained consumer use.

HARDWARE PROJECT BACKGROUND - Customers have been using a hinged, L-shaped mail or package drop for more than 100 years. While this is functional, it limits package size, is clunky, loud and reminiscent of something designed 100+ years ago. We need a solution that looks, functions, sounds like, and is the future of package drops.

HARDWARE PROJECT COMPENSATION - We will offer $17/hr up to 150 hours for this project. The hours can be done by one engineer or split between two or more engineers.
**PROFICIENCIES** - CAD design skills, knowledge of general sheet-metal manufacturing capabilities, and if they choose a solution wherein programming is needed to make their system work, we can likely provide this if these students don't have the expertise required. Additionally, if they choose to use an electronic lock, we have electronic locks already integrated into our system, so we would simply have them use the same electronic lock that we use.

Apply by emailing David Crane, CEO at david@shipbox.com. Introduce yourself and list 3 to 4 times that would work to have a phone interview during the week. Selections for the position will be made based on the interviews.

**ProStar Geocorp: Software QA Intern**

Posted: 8/26/19

As a Software QA Intern, you will work directly with ProStar’s Grand Junction Dev Team. Qualified applicants will be able to perform quality assurance testing and should have some basic understanding of unit tests, debugging, and relevant programming languages (PHP, Javascript, Java, Swift). You may also be responsible for improving our current testing procedures and assisting developers with various tasks. Apply by emailing a resume to jobs@prostarcorp.com. More info can be found at https://www.prostarcorp.com/careers.

**City of Grand Junction: GIS Intern**

Posted: 8/21/2019

City of Grand Junction is currently recruiting for a GIS intern. Applicants must be currently enrolled in a Bachelor’s degree program in Computer Science; Computer Information Systems; Geology/GIS; or Environmental Science.

*Students must apply through the City’s internal job opportunities website by 9/2:*
https://www.governmentjobs.com/careers/gjcity/promotionaljobs?

How to Apply

1. Got to: https://www.governmentjobs.com/careers/gjcity/promotionaljobs?
2. Select the job, and then click the **Apply** button.
3. Create a user name and password for the NEOGOV system. This user name and password will allow you to save your profile and application materials for this recruitment and any future job openings with the City.
4. Complete your personal information along with any additional skills or certifications you would like to list.

Direct questions to:
City of Grand Junction: Engineering Assistant

Posted: 8/16/2019

City of Grand Junction is currently recruiting for an Engineering Assistant currently enrolled in Civil Engineering or related field; or an associate degree program in Mechanical Engineering Technology or Computer Aided Design Technology.

For the Job Description and Application Instructions:

1. Go to the City’s Internal Job Opportunities website: https://www.governmentjobs.com/careers/gjcity/promotionaljobs
2. Select the “Engineering Assistant” position, and then click the Apply button.
3. Create a user name and password for the NEOGOV system. This user name and password will allow you to save your profile and application materials for this recruitment and any future job openings with the City.
4. Complete your personal information along with any additional skills or certifications you would like to list.

For questions, please contact the City’s HR Analyst, Baylee Gregor: bayleeg@gjcity.org, (970) 256-4035.

Intrawest Machine & Fabricating, Inc.: General Laborer

Posted: 8/12/2019

Seeking general laborer to work in machine shop. Work schedule is flexible within normal 8am – 5pm business hours. Qualified applicants will be required to perform miscellaneous task within the manufacturing environment. Job duties may include, but are not limited to, assembling product, general housekeeping, operating manufacturing equipment, counting inventory, organizing work areas, data entry, CAD, and running errands. Active enrollment in Colorado Mesa University Mechanical Engineering program is a plus. Apply at Indeed.com: https://www.indeedjobs.com/intrawest-machine--fabricating-inc-2829131/jobs/a59040f1ac83276c98fc

Atlasta Solar: Sales and Marketing Internship

Posted: 7/30/2019
Atlasta Solar (https://atlastasolar.com/) is expanding and looking for a solar sales and marketing intern as well as an electric vehicle sales and marketing intern in Grand Junction, CO. Interns would contact new or existing customers to determine their solar and or electric vehicle equipment needs, suggest systems or equipment, or estimate costs. Interns would also prepare proposals, quotes, contracts, or presentations for potential solar and/or electric vehicle customers. Atlasta is requesting the interns work ~ 20 hours/week at $10-$15 per hour depending on experience. Applicants must have a valid driver’s license, have some weekend availability, and be willing to pass a background check. They are looking to hire in the next few weeks. Interested candidates can email a resume and cover letter to Lou Villaire at lou@atlastasolar.com.

Vortex Engineering

Posted: 7/30/2019

Vortex Engineering (http://www.vortexeng.us/) is a local civil engineering, surveying, and architecture firm who has job openings for interns or part-time students. Interested candidates can email a resume and cover letter to Robert Jones, P.E., CFM at rjones@vortexeng.us. Applicants must have a valid driver’s license.

Office of Science/US Dept of Energy

Posted: 7/30/2019

The Office of Science / US Department of Energy is pleased to announce paid research internship opportunities for undergraduate students majoring in areas of Science, Technology, Engineering, and Mathematics (STEM) for the Spring of 2020. The application system for the 2020 Spring Term Science Undergraduate Laboratory Internships (SULI) program is currently open, with all applications due by 05:00 PM Eastern Time on October 07, 2019.

The Science Undergraduate Laboratory Internships (SULI) program places students from 2- and 4-year undergraduate institutions as paid interns in science and engineering research activities at DOE national laboratories and facilities, working with laboratory staff scientists and engineers on projects related to ongoing research programs. Appointments are for 16 weeks during the Spring term, are open to US Citizens and US Lawful Permanent Residents, include a weekly stipend, reimbursement for one round trip domestic travel to the participant’s host DOE laboratory, and possibilities for a housing allowance. More than 850 internships are sponsored annually.

Application is made online. Full program information and descriptions, including links to the online application system, are available at: https://science.osti.gov/wdts/suli/