

Current Internships and Job Opportunities for Computer Science and Engineering at Colorado Mesa University

Riverside Education Center – part-time paid tutoring positions

Posted 10/3/22

Looking for a meaningful job where you can make a positive change in the lives of students? Become a paid tutor at REC! Details and application info are at <https://www.rec4kids.com/jobs/program-tutor---as-positions-becomes-available->

Apple – various internships

Posted 10/3/22

Apple is currently recruiting for internships! Information and application instructions is included at the link below. The Program Management internship is specific to ME majors, ECE or CS students might find the other two interesting.

[Engineering Program Management](#)

[Hardware Engineering](#)

[Hardware Technology and Silicon Engineering](#)

To be eligible for an internship level role at Apple, candidates must be planning to return to school after the internship to complete their degree.

Alten Technology – summer interns

Posted 10/3/22

[ALTEN Technology](#) is currently hiring interns for Summer 2023. They are an engineering consulting company with a location in Westminster, CO. The ME Intern will participate in many different aspects of the product development cycle, potentially including computer aided design, analysis and simulation, and prototyping. Details can be found at the link below. They usually close the posting once they've received enough applications for a strong candidate pool, so I'd recommend applying soon for full consideration. [Job Description & Application Instructions](#)

Boeing – summer internships

Posted 10/3/22

[Boeing](#) has released their internship requisitions for Summer 2023. Students interested in engineering internships in Washington and Oregon can [use this link](#) to go directly to the job posting. All of their

regional engineering internships are listed under the same requisition and most of them include relocation and housing support.

ProStar – QA Intern

Posted 9/20/22

As a Software Quality Assurance Intern, you will work directly with ProStar's development and support teams. Qualified applicants will:

- Perform manual QA testing on mobile and cloud software
- Test product integrations with different GPS units and other locating devices
- Assist with the development of UI driven automation testing for our cloud software

Applicants should have a basic understanding of software testing, mobile device Bluetooth, and some basic programming experience. You may also be responsible for improving our current testing procedures.

Requirements:

- Freshman or Sophomore in Computer Science / Computer Systems Information
- Lives in Grand Junction, CO

Apply at <https://www.prostarcorp.com/careers-job-openings/> (the QA intern posting is at the bottom)

Terra Bikes – CAD help

Posted 9/20/22

Terra Bikes, a startup e-motorcycle company, is looking for some CAD help:

- Combining Fusion360 and SolidWorks files into one file (either Fusion or Solid – at this point don't care which)
- Designing fenders to be 3D printed, and ultimately injected molded
- Help organize files to be submitted to manufacturers, as well as make necessary adjustments to fit their tooling

More info on Terra Bikes can be found at terrabikes.com and [instagram.com/terra_bikes](https://www.instagram.com/terra_bikes)

If you're interested, send an email with a statement of your interests and qualifications (if you're into motorsports, that's a huge plus) to Dylan Brown, Founder of Terra Bikes, at dylan@dylanbrown.com. You can also attach a resume.

Schauenburg Flexadux Corp – Engineering Intern

Posted 9/15/22

Great way to get experience and build your resume! We will work around your class schedule!

Schauenburg Flexadux Corp. (SFC) is a manufacturer of flexible ventilation ducting which has expanded into a multifaceted manufacturing and distributing company providing flexible lay flat, spiral, rigid fiberglass and steel ducting, pumpable crib bags, dust collectors, and mine chutes for the mining and coal field industries. Its electronics division manufactures and distributes gas detection instruments, coal dust explosibility meters and a new line of proximity detection.

Schauenburg provides custom products quickly throughout the continental USA and beyond with manufacturing locations in Grand Junction, Colorado and Fairmont, West Virginia. Schauenburg is currently seeking an Intern to work within our Engineering department. This position will be based at our Grand Junction location. Schauenburg Flexadux has built a reputation of providing the highest level of customer service and we seek out employees that share this philosophy and excel at providing it. Learn more about Schauenburg Flexadux by visiting us at www.schauenburg-us.com.

Responsibilities:

- Assist with installation and operation of various systems
- Assist with developing schematic design proposals
- Identify technologies to improve operations
- Document design narratives and engineering analysis
- Assist with data basing current schematics, CAD Design, researching and product testing.
- Maximize efficiency by reviewing layout of equipment, workflow, assembly methods and workforce utilization
- Determine parts and tools needed to achieve manufacturing goals according to product specification
- Assist with developing processes to assure rigorous quality requirements are met
- Performs other related duties as assigned

Qualifications:

- Currently enrolled in engineering classes
- Ready to learn
- Familiarity with manufacturing designs/schematics
- Exceptional interpersonal, communication, and presentation skills
- Ability to prioritize and multitask
- Ability to multi-task various projects
- Highly functional with MS Office (Word, Excel, PowerPoint)
- Some experience with AutoCAD, Autodesk Product Design Collection a plus

- Ability to read, write, and converse in English at a professional level

Salary range: \$15/hour

To apply, send a resume to Bren Lembo in Human Resources at b.lembo@schauenburg.us

Brooke Owens Fellowship – paid internships

Posted 9/15/22

Interested in a career in aerospace? The [Brooke Owens Fellowship](#) provides paid internships (in engineering, policy, business, journalism, communications, and more) and executive mentorship to women and gender minorities who want to work in the aerospace industry. The [application](#) is currently live and the Deadline to apply is **October 10th**. The attached flyer can be shared.

Why apply? Fellows will receive paid internships at the top aerospace companies in the world (SpaceX, Blue Origin, Lockheed Martin, Boeing - just to name a few). Each cohort also convenes for a summer summit in DC to build connections with their class and network with top aerospace professionals. In addition to a paid internship and summit experience, fellows are matched with executive mentors—think [CEOs and astronauts](#)!

Interested? We suggest taking a look at the [application](#) as soon as possible to request recommendations and start thinking about your application pieces. Stay tuned for updates from our social media accounts [Instagram](#) and [Twitter](#). Looking forward to seeing your application!

Please reach out with any questions! emily@brookeowensfellowship.org

Cloudrise – various internships

Posted 9/2/22

At Cloudrise, we help organizations elevate their [data protection](#), [privacy](#), and [cloud security](#) programs and technologies, tailoring them to meet specific business needs. We have more than two decades of experience delivering data-centric [advisory](#), [implementation](#), [optimization](#), and [managed services](#). Our customer relationships span multiple industries, geographies, and organizational sizes. We help identify gaps, build and optimize controls, integrate core technologies, and manage and continuously improve your data-centric ecosystem — all while navigating the shifting data compliance and regulatory landscape. Find more info about Cloudrise career and internship options at <https://www.cloudrise.com/careers/>.

Washington Post – summer internship

Posted 9/2/22

[The Washington Post's software engineering internship application for summer 2023](#) is now open. We are recruiting across 10 teams spanning frontend and backend web development, mobile apps, cms tools, data science and more. **The priority deadline is 11:59 p.m. ET on Friday, Oct. 7. Students should apply by then, if possible.** We are unlikely to review applications submitted after this deadline. **All current students, regardless of class year, are encouraged to apply. This internship is paid and beginner-friendly.** The most up-to-date info on the interview process, pay, hours, timeline and other FAQs can be found on [our public website](#). Students are highly encouraged to reach out engineering-internships@washpost.com if there are any questions. We will make sure to respond promptly. Also, we are holding public office hours over Zoom on four separate dates over the next month. [Students can RSVP](#) to receive an invite to the office hours session(s) of their choosing.

Rivian: Product Development Engineering Internship

Posted 8/31/22

[Rivian](#) is a designer and manufacturer of electric trucks, SUVs, and fleet vehicles based in Irvine, CA. They are starting to roll out their internship postings for summer 2023 and have posted a Product Development Engineering Internship. They're also planning to post manufacturing internships within the next few weeks. The link to their internship jobs board is at <https://rivian.com/careers?department=internships>

Sandia National Labs: Various Internships

Posted 8/31/22

[Sandia National Labs](#) stopped by the CMU campus last week to recruit for some internships. They hire for all kinds of disciplines – computer science and cybersecurity, engineering (so many different types), material science, chemistry, bioscience, geoscience, and many more. They are also prepping for summer 2023 so peruse the following sites to find more info.

<https://www.sandia.gov/careers/> (or go to <https://sandia.jobs/> - same info, slightly more direct route)

Sandia also actively uses LinkedIn to post jobs and internships. Go to <https://www.linkedin.com/company/sandia-national-laboratories/>, click on "Jobs" in the menu below their header, click on "see all jobs" and filter for internships under the "job type" drop-down.

Schauenburg Flexadux Corp: Internship

Posted 8/18/22

Job Description: Schauenburg Flexadux Corp., in Grand Junction, Co, is a manufacturer of flexible and fiberglass ducting for the mining and tunneling industry. We are looking for an Intern to help with updating and reviewing our current process procedures. This will entail data basing, CAD Design, researching, and product testing. This internship is a great way to learn aspects of manufacturing and great addition to your resume. For more info on the company, check out <https://schauenburg-us.com/>

Responsibilities :

- Data basing
- Creating and updating CAD Models on SolidWorks
- Creating process procedures
- Reviewing and testing current and new products

Requirements:

- Knowledge in MS Office and SolidWorks (or Similar CAD Program)
- Ability to work alone or within a group setting
- Knowledge of airflow and fluids

How to Apply: Email your resume to M.Bruens@schauenburg.us or apply at Handshake.com

Amada Automation Systems: Field Service Engineer (full-time)

Posted 8/18/22

POSITION SUMMARY: To support customers with (but not limited to) Amada Automation Systems including core machines. This includes installation, service, operational training, networking, programming training, software training, application training.

ESSENTIAL FUNCTIONS:

- Proficient in trouble shooting mechanical, hydraulic, pneumatic, electrical, control systems as well as networks.
- Able to precisely follow layout drawings and blue prints used in the installation of equipment.
- Complete status (service) reports on a daily basis and expense reports on a weekly basis.
- The ability to communicate in the English language.
- Excellent customer relations and follow through.
- Managing the total equipment installation process at Customer site entailing use of hand tools, climbing, bending, stooping.
- Operation, applications, software, and part programming capabilities, and customer training of such.
- Use of Amada applications software used in line control and part programming.
- Regular travel within assigned territories.
- Ability to lift up to 50 lbs.

NON-ESSENTIAL FUNCTIONS:

- The ability to communicate in the Spanish (Mexican) language.

REPORTING RELATIONSHIP:

Reports to Regional Service Manager

SUBORDINATE STAFF:

None

KNOWLEDGE:

A 4 yr degree in Electronics or a minimum of a 2 yr degree with related work experience preferred.

SKILLS:

- Ability to analyze and repair mechanical, hydraulic, pneumatic, optical and electrical systems.
- Ability to use hand tools, Volt/Ohm meter and Oscilloscope.
- Working knowledge of computers and Windows OS.
- Ability to read and interpret mechanical and electrical drawings.
- Being accountable and responsible to service and support a customer through all aspects of the customer's ownership of the machine.

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TRAVEL:

Routine travel within assigned territories with occasional overnight stays.

WORKING CONDITIONS:

LIFTING: Average Weight: 50 lb. Frequency: Daily

More info can be found at <https://tinyurl.com/y3ddn8ca>

GE Explorer Series: Engineering Program (Virtual Internship Program)

Posted 8/18/22

This is an interesting (and free!) virtual program that is self-paced. Throughout the program, you will develop practical skills and insights from General Electric (GE). This program will introduce you to a few areas where engineers thrive at GE. Learn about how to optimize a design to meet customer requirements, how to supply a reliable mix of power to the grid, and how to ramp up production for medical equipment during a surge of demand. These samples are just the beginning for the kinds of solutions you can create as an engineer.

Register for the program here: <https://www.theforage.com/virtual-internships/prototype/XxtPu3MdxghFHZPGn/Engineering-Program#lp>

Info on how to document this experience on a resume or LinkedIn profile can be found at <https://cdn.theforage.com/vinternships/companyassets/ay2tsYxaTif7Nt6z7/AA4Bnq2tJHALwE8cg/1625755825519/ForageReferencingPolicy.pdf>

Eureka! McConnell Science Museum: STEAM Intern

Posted 8/18/22

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