Current Internships for Computer Science and Engineering
Colorado Mesa University

Denver Industrial Pumps: Applications Engineer
Posted 2/25/22

Denver Industrial Pumps, Inc. is a leading pump distributor/representative for Colorado, Wyoming and the Rocky Mountain Region. The company offers innovative pumping solutions & integrated supply services that utilizes our extensive and vast product knowledge in pumps, flow meters, filtration and accessories. Denver Industrial Pumps, Inc. is a stocking distributor with repair and fabrication capabilities to provide total customer solutions. Denver Industrial Pumps, Inc. is looking for an inside sales professional.

Job Description: The application engineer will be responsible for applying the correct pump technology to the appropriate pump application as well as responding to customer inquiries regarding company products and services. The representative will process customer phone orders, check availability of stock, shipping dates, quote pricing, fill orders to customer specifications and process sales data via computer, track stock levels. Additional duties include assisting outside sales staff by preparing price quotes and sourcing product.

Job Requirements: Qualified candidates should have excellent communication skills. The representative should be aggressive, able to work independently and have experience performing a majority of the functions. Prior inside sales/customer service experience, data entry skills, organization, multi-tasking and customer focus is required.

To Apply: Please send resumé to David Schmitt at davids@denverpumps.com.

Benefits: Health Insurance, 401K, Annual bonus based on company profitability-optional
Vacation: First full year: 12 days paid vacation time annually from January 1 to December 31. One day is earned every 30 calendar days. After five years 17 days is earned. After 10 years 22 days is earned

Colorado Department of Transportation: Various internships and full-time positions (civil, mechanical, and/or construction management majors preferred)
Posted 2/25/22

CDOT is recruiting for two internships for the upcoming construction season and they have two positions for an EIT II or III-Construction and an EPST I-Tester/Inspector. They will be in Confluence Hall room 315 between 4pm-6pm Tuesday, 3/1 to answer any questions. Info on the internships can be
found at https://www.codot.gov/topcontent/employment/cdot-job-openings. CDOT can provide insight with respect to EPST I and EIT II/III positions when they’re on campus on Tuesday, as well.

EIT II or III job posting, closes on 3/3/2022 or until filled:  
https://www.governmentjobs.com/careers/colorado/jobs/3423263/engineer-in-training-ii-or-iii-construction-grand-junction-co

EPST I job posting, closes on 3/4/2022 or until filled:
https://www.governmentjobs.com/careers/colorado/jobs/3432801/engineering-physical-sciences-technician-i-project-tester-inspector-grand-junc

**Goodrich Engineering: Student Worker**  
Posted 2/25/22

Goodrich Engineering is a consulting company in Grand Junction that is looking for an engineering student to help part-time at developing a computer-database for a library of geotechnical soils reports. The student must be good with a computer, Windows, and popular software including MS Word, Excel, and Access. The company has a couple-thousand reports dating back to the 1950's that need to be cataloged so information in the reports can be easily accessed. Initially, this will be computer work with increasing access to civil/geotech engineering. The student worker will be taken on some field visits ranging from Telluride to Rifle with some oil/gas work in UT and CO. The student will interact with Rex Goodrich and another PE, Ed Morris (Lincoln Devore), and the Lab Tech/Geologist, Peter Herrera. The student worker will become well acquainted with the local geology including the rock and the soil as well as engineering problems we encounter in our environment. They will also learn their way around a soils lab.

Goodrich Engineering does mostly residential soil investigations for foundation recommendations. At the moment, the local/regional building industry is very busy.

If interested, please send cover letter and resume to:

Rex Goodrich PE, PG  
Goodrich Engineering LLC  
rex.goodrich48@gmail.com  
970 250 3358  
www.goodrichengineering.net

**Ute Water: Summer Fire Hydrant Interns**  
Posted 2/21/22

Ute Water is recruiting for three (3) summer Fire Hydrant Interns who are highly motivated, organized, and hardworking. Duties will include, but are not limited to, visually inspecting,
cleaning, repairing, maintaining, and painting fire hydrants, as well as maintaining daily records. This position requires excellent customer service and communication skills, works outside in all weather conditions, performs heavy physical labor, and operates a motor vehicle and hand tools. Ute Water offers a competitive hourly wage of $17.50 per hour. This is not a benefitted position. This position is eligible for holiday pay and statutory paid sick leave. The schedule will be Monday-Friday from 8:00am-4:30pm but may vary depending on the assignment for 3 months (May-August).

**Applicant Must:**
- Be at least 18 years of age by the start of employment.
- Be enrolled as a continuing student in a degree program at an accredited college or university.
- Follow specific instructions/directions.
- Possess a valid driver’s license with a clean driving record.
- Pass a background check, drug screen, and physical.

If you or someone you know are interested, please visit [http://www.utewater.org/careers](http://www.utewater.org/careers) to download the employment application. The deadline to submit the application is **Monday, February 28, 2022, at 5:00pm** to Human Resources or hr@utewater.org. For more information, contact 970-242-7491.

**Colorado Science & Engineering Policy Fellowship/Internship**

Posted 2/21/22

The Colorado Science and Engineering Fellowship (CSEPF) is designed to give policy making experience to undergraduate and graduate students with backgrounds in science, technology, engineering, and mathematics (STEM). Throughout the summer internship, each fellow will conduct their own policy research project in addition to learning more about STEM policy through seminars and industry site visits. For the past four years, the Fellowship has given talented STEM students policy-making experience and a broadened understanding of the connection between STEM disciplines and lawmaking. The COVID-19 crisis has emphasized the need for individuals who understand fact-based decision making and can take an objective approach to creating effective policy. The Fellowship offers students the opportunity to do so. Over the course of the summer, each fellow will learn about the legislative process, conduct their own research project, and ultimately pitch their own legislation.

While the students are conducting their research, they are also given access to leaders in government and industry. Past speakers include Governor Jared Polis, Former Governor Bill Ritter, Colorado Attorney General Phil Weiser; Congressman Joe Neguse; State Senator Dominick Moreno; House Minority Leader Hugh McKean; Will Toor, former Mayor of Boulder and Executive Director of the Colorado Energy Office; former Colorado Supreme Court Justice Gregory Hobbs; Thad Kurowski, the Senior Policy Advisor for Tesla; and Bryan Leach, CEO of Ibotta, among others. Past years’ site visits included the National Renewable Energy Laboratory, the National Center for Atmospheric Research, the Google Boulder
Campus, Lockheed Martin, Arapahoe Basin Ski Resort, and the National Wind Technology Center. While site visits stopped in 2020 because of COVID-19, we are hopeful that they may start up again in 2022.

The upcoming fellowship will take place from June 20th to August 5th, 2022. Applications are open January 18th to March 18th, 2022. Students will be given a $4,000 stipend for the fellowship. We are also working with MSU to provide temporary, fully-furnished housing for the summer, and more information will be provided after the 2022 fellows are chosen. The fellowship is expected to be full-time during the seven weeks, with some flexibility as needed. More information about the program and how to apply can be found in the attached flyer and at: www.COScienceEngineeringPolicyFellowship.com

The organizers are hoping to include 3-4 students from each participating institution.

**Rocksol Consulting Group: Various Positions**

Posted 2/21/22

Rocksol is currently advertising three roles that they feel align well with both current students and alum: Civil Materials Technician I, Engineer in Training 1, and Engineering Student Intern, with the former two focusing on individuals either graduated or near graduation, and the latter targeting those currently enrolled looking to glean some experience (most often during summers). Job descriptions and requirements can be found at [http://www.rocksol.com/careers](http://www.rocksol.com/careers). There can be some flexibility in role requirements, so if you’re interested, reach out to Connor Kounnas, Civil Materials Technician, at Kounnas@rocksol.com, HR Coordinator, Kyra O’Neill, at oneill@rocksol.com, or apply directly online at [http://www.rocksol.com/careers](http://www.rocksol.com/careers).

**Consolidated Precision Products: Engineering Intern (City of Industry, CA)**

Posted 2/21/22

If you’re looking to get out of the Grand Valley, Consolidated Precision Products (CPP) has openings for Engineering Interns at the City of Industry (COI) site in California. The COI site is an aerospace investment casting foundry. The site manufactures structural castings for applications in commercial and defense aerospace. Interns will be assigned to Product, Process or Quality Engineering and will be assigned a primary project to deliver during the work term. The projects are typically process improvement or cost reduction in nature. The projects are expected to provide interns the opportunity to demonstrate and improve their problem solving, time management, and collaboration skills. More information can be found at [https://theapplicantmanager.com/jobs?pos=co3878](https://theapplicantmanager.com/jobs?pos=co3878).
Schauenburg Flexadux Corp: Internship
Posted 10/26/21

**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

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GE Explorer Series: Engineering Program (Virtual Internship Program)
Posted 9/17/21

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](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](https://cdn.theforage.com/vinternships/companyassets/ay2tsYxaTif7Nt6Z7/AA4Bnq2tJHALwE8cg/1625755825519/ForageReferencingPolicy.pdf)
Eureka! McConnell Science Museum: STEAM Intern
Posted 2/1/22

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