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

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.

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/162575825519/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