

PCC AIRFOILS, LLC I.T. ENGINEERING CO-OP
Minerva Operation
Job Description

Job Title: Computer Science Co-op - Programming
Department: Information Technology
Reports To: IT Manager

SUMMARY

The co-op student will be working on job assignments related to their computer science education. These increasingly challenging assignments will provide foremost an effective learning assignment and then a sound intellectual and/or financial return for the PCC organization.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- The student will apply principles that he or she has learned in school to hands-on situations, such as program development for PCC use.
- The student will be responsible for accomplishing performance goals and will receive progressive responsibility throughout his/her co-op experience.
- Will identify and fix program bugs.
- Student will attend weekly departmental meeting.
- Will take ownership and responsibility for identified projects.
- Participate on project teams for assigned projects; analyze improvements and new product or applications and develop requirements and specifications with team.
- Work within specifications provided to meet project goals and objectives in a timely and accurate manner.
- Participate with peers, project team members, and other departments on new product development, product line extensions, and product enhancements.
- Other duties as assigned.

QUALIFICATIONS

- Knowledge of C/C++
- Proficient with Microsoft Office
- Good writing skills and interpersonal skills
- Knowledge of SQL, stored procedures, VB 6.0, C#, or VB.Net is a plus

EDUCATION and/or EXPERIENCE QUALIFICATIONS

Full-time student pursuing a Bachelor's Degree in Computer Science.
Must have a minimum grade point average of 3.0 or higher.

ADDITIONAL SKILLS

- Strong analytical skills; possess the ability to work through technical issues.
- Action Orientation
- Functional and Technical Skills
- Drive for Results
- Customer Focus
- Learning Agility
- Integrity and Trust
- Peer Relationships

OTHER BENEFITS

This is a 40-hour week position for which Co-ops will be paid for their hours worked. Company housing is available at no cost to the student during the co-op rotation. This housing is located across the street from the facility and there is no need for a car or transportation. Students only need clothing & bedding as the housing is fully furnished.

Minerva is located about two hours west of Pittsburgh, PA and about one and a half hours south of Cleveland, OH.

PCC Airfoils, LLC is a Subsidiary of Precision Castparts Corporation based in Portland, Oregon. PCC trades on the NYSE under PCP.

Visit us at www.precast.com

PCC AIRFOILS, LLC I.T. ENGINEERING CO-OP

Minerva Operation

Job Description

Job Title: I.T. Co-op - Networking
Department: Information Technology
Reports To: IT Manager

SUMMARY

The co-op student will be working on job assignments related to their computer science or engineering education. These increasingly challenging assignments will provide foremost an effective learning assignment and then a sound intellectual and/or financial return for the PCC organization.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- The student will apply principles that he or she has learned in school to hands-on situations, such as program development for PCC use.
- The student will be responsible for accomplishing performance goals and will receive progressive responsibility throughout his/her co-op experience.
- Will identify and fix computer and network problems.
- Student will attend a weekly departmental meeting.
- Will take ownership and responsibility for identified projects.
- Participate on project teams for some assigned projects.
- Work within specifications provided to meet project goals and objectives in a timely and accurate manner.
- Participate with peers, project team members, and other departments on new product development, product line extensions, and product enhancements.
- Will have to work with network and server equipment.
- Student can expand responsibilities into computer programming or controls, at their interest.
- Other duties as assigned.

QUALIFICATIONS

- Knowledge of computer hardware
- Basic knowledge of computer networking
- Proficient with Microsoft Office
- Good writing skills and interpersonal skills
- Knowledge of SQL, stored procedures, VB 6.0, C#, or VB.Net is a plus

EDUCATION and/or EXPERIENCE QUALIFICATIONS

Full-time student pursuing a Bachelor's Degree in Computer Science, Electrical Engineering, or Computer Engineering. Must have a minimum grade point average of 3.0 or higher.

ADDITIONAL SKILLS

- Strong analytical skills; possess the ability to work through technical issues.
- Action Oriented
- Functional and Technical Skills
- Drive for Results
- Customer Focus
- Learning Agility
- Integrity and Trust

OTHER BENEFITS

This is a 40-hour week position for which Co-ops will be paid for their hours worked. Company housing is available at no cost to the student during the co-op rotation. This housing is located across the street from the facility and there is no need for a car or transportation. Students only need clothing & bedding as the housing is fully furnished.

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PCC AIRFOILS, LLC I.T. ENGINEERING CO-OP

Minerva Operation

Job Description

Job Title: I.T. Co-op - Automation
Department: Information Technology
Reports To: IT Manager

SUMMARY

The co-op student will be working on job assignments related to their computer science or engineering education. These increasingly challenging assignments will provide foremost an effective learning assignment and then a sound intellectual and/or financial return for the PCC organization. The co-op will assist in the development and implementation of computer controlled manufacturing processes (such as foundry furnaces, dip lines, autoclave, etc.), and for assuring the accuracy and reliability of those processes. In addition, the co-op is expected to continuously improve the performance and cost of computer controlled manufacturing processes.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Assist in the achievement of documented cost savings by applying technology to improve the business in a cost effective manner.
- Provide hardware design, including I/O, response units, control units, network requirements and software.
- Develop software and integrate with any purchased software.
- The student will apply principles that he or she has learned in school to hands-on situations, such as program development for PCC use.
- The student will be responsible for accomplishing performance goals and will receive progressive responsibility throughout his/her co-op experience.
- Student will attend a weekly departmental meeting.
- Will take ownership and responsibility for identified projects.
- Participate on project teams for some assigned projects.
- Work within specifications provided to meet project goals and objectives in a timely and accurate manner.
- Participate with peers, project team members, and other departments on new product development, product line extensions, and product enhancements.
- Student can expand responsibilities into computer programming or controls, at their interest.
- Other duties as assigned.

QUALIFICATIONS

- Knowledge of automation concepts and experience with electrical troubleshooting.
- Basic knowledge of computer networking
- Proficient with Microsoft Office
- Good writing skills and interpersonal skills
- Experience with “C” Language, Microsoft .Net programming languages with emphasis on C#, Microsoft SQL, and SCADA. PLC programming and troubleshooting experience, preferably Allen Bradley Logix platforms. Good skill level in networking and data base.

EDUCATION and/or EXPERIENCE QUALIFICATIONS

Full-time student pursuing a Bachelor's Degree in Electrical, Mechanical or Aerospace Engineering with a minor in Computer technology or software.

Must have a minimum grade point average of 3.0 or higher.

OTHER BENEFITS

This is a 40-hour week position for which Co-ops will be paid for their hours worked. Company housing is available at no cost to the student during the co-op rotation. This housing is located across the street from the facility and there is no need for a car or transportation. Students only need clothing & bedding as the housing is fully furnished.

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