Preston Crumbly

- Computer Engineering Student
- Always Excited to Learn
- Entrepreneurial Passions

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📍 1103 Old Monrovia Rd. A4
Huntsville, AL 35806   [HUB Zone Qualified]

Skills

Computer Skills

Websites - Applications - Software Dev
Databases - WordPress - Data Science
DevOps - Formal Testing - Microsoft 365
Light 3D Modeling - IT - Hardware Testing

Key Strengths

Clear writing, well suited for technical documentation. Modern web development practices for rapid prototyping. Small business growth.

Education

Current

University of Alabama in Huntsville
Huntsville, AL
pursuing BS, Computer Engineering

2017-2018   **Calhoun Community College**
Huntsville, AL
pursuing AS, Computer Science

2013-2017   **University of Oregon**
Eugene, OR
pursuing BS, Physics

Dependable, genuine, and attentive. A strong desire to solve problems and build new "stuff." Deep interest in modern web technology and digital engineering.

Currently taking software development and electrical engineering classes at UAH. Meaningful exposure to networking, circuitry, software development, additive manufacturing, quality systems, and IT.

Comfortable with public speaking, customer service, and certification audits. Enjoys strategic discussions, brainstorming new businesses, and optimizing processes.

Work History

February 2020 to August 2021

AME, Inc.   *Huntsville, AL*
Engineering Intern/Quality Associate

- First intern at startup, worked in Additive Manufacturing operations (printing, maintenance, shipping/recieving, etc.)
- Produced comprehensive customer and quality reports for each stage of 3D printing.
- Executed precise operations on Electrical Discharge Machining equipment, ensuring component viability.
- Assumed IT responsibilities, facilitating onboarding and implementing SSO and Microsoft 365 for the facility.
- Revamped company website during off-hours, greatly enhancing its image.
- Managed regular transportation of heavy steel plates to resurfacing shop.
- Maintained a rigorous cleaning regimen across a 10,000 sq ft factory and its surroundings.
- Attained the role of Quality Associate within six months by successfully renewing critical AS9100 and ISO9001 certifications.
- Orchestrated quality control throughout pre-process, printing, and post-process phases.
- Led quality control meetings and established systems that positioned the company to competitively bid for lucrative aerospace contracts.

December 2018 to January 2020

Quadrus Corporation   *Huntsville, AL*
Engineering Associate

- Collaborated in a compact team managing software version releases.
- Reviewed code changes and documentation for software versions.
- Conducted testing to detect and document issues in communication interface software.
- Implemented software changes and authored corresponding test scenarios.
- Ensured task continuity by taking over responsibilities from departing colleagues.
- Assisted IT in software and hardware integration as the company expanded.
- Resolved C++ software crashes through debugging in Visual Studio.
- Developed websites and web tools, including an inter-departmental document numbering and tracking application.
- Supported the Engineering Department, maintaining efficiency and precision in proprietary SLS testing software development.

Other Experience

- Dickey's Barbecue Pit (Huntsville, AL) - Night Manager
- Cherryhead Digital - Owner/Website Freelance
- Private Investment Club - Executive Officer
- Bill & Tim's Barbecue (Eugene, OR) - Supervisor
- Camp Kesem - Summer Camp Counselor
- Whistle Stop Sweet Shop - Associate