

Preston Crumbly

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



[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 Arkansas in Fayetteville Fayetteville, AR pursuing BS, Computer Engineering
2017-2018	Arkansas Community College Fayetteville, AR pursuing AS, Computer Science
2013-2017	University of Texas at El Paso El Paso, TX 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 UAR.

Meaningful exposure to networking, security, software development, additive manufacturing, quality systems, and IT.

Comfortable with public speaking, customer service, and certification audits. Foster strategic discussions, transforming new business, and optimizing processes.

Work History

February 2020 to August 2021	AME, Inc. <i>Engineering Intern/Quality Associate</i> <ul style="list-style-type: none">• 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 <i>Engineering Associate</i> <ul style="list-style-type: none">• 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

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