

JEFFREY DICKSON, BS-ME

801.915.2990 | jeff.dickson.pa@gmail.com | Tampa, FL | jeffportfo.dev

<https://www.linkedin.com/in/jeffrey-dickson-335116234/>

PROFESSIONAL SUMMARY

Motivated Mechanical Engineer with a strong foundation in engineering principles, project management, and problem-solving. Experienced in working on diverse engineering projects ranging from AI integration in conservation efforts to hands-on roles in construction and web development. Proven ability to apply engineering knowledge in a variety of settings, emphasizing process improvement, technical troubleshooting, and cross-functional team leadership. Strong communication skills and a passion for continuous learning and innovation.

Key skills include:

- Project Management
- Process Improvement
- Engineering Design & Analysis
- AWS & Cloud Computing
- Troubleshooting & Problem Solving
- Programming & Automation
- Team Leadership & Collaboration
- Technical Documentation & Reporting

WEB DEVELOPER

Lickety-Split Moving, Tallahassee, FL

May 2024-Jan 2025

Developed and currently maintain a fully operational website for a local moving business, utilizing engineering principles to ensure seamless scheduling, payment integration, and site performance.

- Engineered a website hosted on AWS, employing technical skills in cloud services, web development, and troubleshooting.
- Integrated business management tools, ensuring smooth payment and booking systems.
- Conducted ongoing optimization, utilizing problem-solving techniques to improve site speed, security, and user experience.
- Set up domain and DNS configurations, demonstrating an understanding of network management and cloud infrastructure.

SUPERVISOR

Resort Lifestyle Communities, Tallahassee, FL

Sep 2022 – Jan 2024

Led a team of 25–30 employees while leveraging engineering management skills to streamline operations and enhance quality control.

- Applied project management methodologies to ensure a high-quality dining experience, including process improvements for efficiency.

- Conducted technical training to improve operational processes, fostering team collaboration and enhancing service delivery.
- Acted as the primary point of contact for client relations, managing problem-solving efforts in a customer-focused environment.
- Used critical thinking skills to handle emergency situations, including performing CPR to save a resident's life.

CONSTRUCTION ELECTRICIAN

Cupertino Electric, Eagle Mountain, UT

Feb 2018 – May 2022

Played a key role in the start-up team for electrical systems, troubleshooting and resolving complex issues in machinery and electrical systems.

- Utilized engineering problem-solving skills to troubleshoot electrical equipment, addressing issues such as faulty wiring, HMIs, and hardware installation errors.
- Conducted rigorous safety protocols, ensuring site-wide safety for workers and equipment.
- Entered and analyzed job data in site management systems, helping to optimize resource allocation and project timelines.
- Prevented catastrophic damage by identifying and addressing a potential overheating issue in a data hall, safeguarding critical infrastructure.

FLOOR ASSOCIATE

Amazon, Salt Lake City, UT

May 2018 – Aug 2018

Worked in a high-paced, technologically driven warehouse environment, where I gained hands-on experience in logistics and process efficiency.

- Supported operations by applying lean principles to streamline order fulfillment processes.
- Identified and resolved equipment issues in the warehouse, ensuring minimal downtime and optimal productivity.
- Collaborated with cross-functional teams to improve workflow and material handling processes.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Mechanical Engineering

Utah Valley University, Orem, Utah | 2022

- June Sucker Preservation Engineering Team, AI Programmer

Associate of Science

Utah Valley University, Orem, Utah | 2020

PROFESSIONAL DEVELOPMENT

AWS Learning Cloud Essentials *Amazon, 2023* ; **Google Project Management Certification**
Google, 2022