Adam Case

541-324-2589 | adamrichcase@gmail.com | linkedin.com/in/adam-case | github.com/AmonDestroyer

EDUCATION

University of Oregon — Eugene, OR
Bachelor of Science in Computer Science — *Sept. 2021 – June 2023*

Embry-Riddle Aeronautical University — Prescott, AZ
Bachelor of Science in Aerospace Engineering, Astronautics, Minor in Mathematics — *Aug. 2013 – May 2017*

EXPERIENCE

Systems/Electromechanical Engineer — May 2019 – July 2021
Northrop Grumman — *Sunnyvale, CA*

- **Key achievement**: Implemented a test equipment tracking system of 500+ items increasing equipment tracking by 100% and time to find items by 80%
- Create, modify, and perform test procedure for new and existing products
- Verify data quality of factory acceptance tests and field
- Develop scripts for data analysis and acceptance
- Design and implement data acquisition systems to collect new data or replace existing systems
- Drive development of digital tools to move the department to a digital logging and tracking of issues

Manufacturing Engineer — July 2017 – April 2019
Textron Systems Corporation — *Hunt Valley, MD*

- **Key achievement**: Was lead manufacturing engineer for two major site product lines within 1 year of starting
- Rolled out new digital manufacturing execution system site-wide with 2,000+ employees
- Was the department specialist for communicating programing related issues on the floor to IT for same-day correction of database and workflow issues
- Lead continuous improvement projects on data cleaning and analysis automation on large data sets using VBA and MATLAB

Summer Intern — May 2016 – July 2016
Makstride Prosthetics — *Prescott, AZ*

- Created and performed fatigue testing within R&D for a new fatigue fuse
- Participated in customer meetings discussing status of performance testing

PROJECTS

Brevet Times | *Python, Flask, MongoDB, Docker* — Sept. 2021 – Present

- Developed a full-stack web application using with Flask serving a REST API with as simple frontend
- Implement Git for version control
- Automated unit testing using nose
- Peer reviewed code

TECHNICAL SKILLS

Languages: C, Python, MongoDB, JavaScript/AJAX, HTML/CSS, VBA, MATLAB
Frameworks: Flask
Developer Tools: Git, Docker
Libraries: nose