Adam Case

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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 test equipment tracking system of 500+ items increasing equipment tracking by 100% and time to find items by 80%
- Created, modified, and performed test procedures for new and existing products
- Verified data quality of factory acceptance tests
- Developed scripts for data analysis and acceptance testing
- Designed and implemented data acquisition systems to collect new data or replace existing systems
- Drove development of digital tools for digital logging and tracking of issues

Manufacturing Engineer   July 2017 – April 2019
Textron Systems Corporation   *Hunt Valley, MD*
- **Key achievement**: 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 full stack Brevet Time Calculator web application
- Continuous development and integration of mini projects
- Deployed using Docker
- Utilized Git for version control
- Automated unit testing using nose
- Peer code review

TECHNICAL SKILLS

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