

# Adam Case

541-324-2589 | [adamrichcase@gmail.com](mailto:adamrichcase@gmail.com) | [linkedin.com/in/adam-case](https://www.linkedin.com/in/adam-case) | [github.com/AmonDestroyer](https://github.com/AmonDestroyer)

## EDUCATION

---

### University of Oregon

*Bachelor of Science in Computer Science*

Eugene, OR

Sept. 2021 – June 2023

### Embry-Riddle Aeronautical University

*Bachelor of Science in Aerospace Engineering, Astronautics, Minor in Mathematics*

Prescott, AZ

Aug. 2013 – May 2017

## EXPERIENCE

---

### SDE Intern

*Amazon*

June 2022– September 2022

*Seattle, WA*

- **Key achievement:** Implement architectural update to improve challenge speed
- Rapidly learn AWS cloud technologies
- Produce and revise design documents and code reviews related to my project

### Systems/Electromechanical Engineer

*Northrop Grumman*

May 2019 – July 2021

*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

*Textron Systems Corporation*

July 2017 – April 2019

*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 programming 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

*Makstride Prosthetics*

May 2016 – July 2016

*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, Java

**Frameworks:** Flask

**Developer Tools:** Git, Docker

**Libraries:** nose, pytest