

Faustina Adeline

EXPERIENCE

Aurora - Uber ATG

Pittsburgh, PA

Systems Engineer

[Mar 2020 – Present]

- Develop performance metrics and execute verification and validation plans by collaborating with Product, Test, Systems, and Software Engineers.
- Analyze and evaluate performance against product, safety, and systems goals, and provide feedback on requirements.
- Identify any deficiency, generate reports and communicate evaluation results to cross-functional teams to accelerate development process.
- Develop, maintain, and improve various dashboards using programming tools to better visualize analysis/evaluation results for a wider audience.

Oracle

Chicago, IL

Applications Developer

[Apr 2018 – Present]

Software Development Intern

[Sep 2017 – Mar 2018]

- Improved security compliance by developing and implementing a new credentials management interface using open source tools.
- Implemented features using full stack knowledge of front-end, back-end, APIs, and relational database to improve functionality and user experience.
- Ensured quality source-code development and improve maintainability by collaborating with Developers, QA, and Business Analyst.

Rockwell Collins

Cedar Rapids, IA

Systems Engineer Co-op

[Sep - Dec 2016]

- Analyzed system requirements for flight displays application algorithms through simulations of model-based design.
- Developed and maintained test cases and scripts as part of Agile Scrum teams to support low-cost embedded software development.
- Validated system requirements and ensured system safety by identifying and documenting systems defects during verification.

Teledyne Controls

El Segundo, CA

Systems Engineer Intern

[Jun - Aug 2016]

- Resolved avionics issues by collaborating with Developers, QA and Manufacturing Engineers resulting in an earlier software release.
- Implemented improvements to test plans, analyzed and evaluated results, and produced test reports ahead of schedule.
- Conducted manual system integration testing and debugged interfaces to ensure compliance with system requirements.

EDUCATION

Embry-Riddle Aeronautical University

Bachelor of Science,
Aerospace
Engineering

*Honors: Magna Cum
Laude*

2017

CERTIFICATION

Northwestern University

Full-Stack Web
Development Coding
Boot Camp

2019

SKILLS

Python · Bash · Git
C/C++ · Go · JavaScript
SQL · MySQL · NoSQL
PostgreSQL · Hive
MongoDB · Snowflake

HTML · CSS
Bootstrap · jQuery
Node.js · ReactJS
TCP/IP · HTTP
Docker · Jenkins
Vault · Consul

MATLAB/Simulink
Jama · DOORS
JIRA · Confluence
MS Visual Studio
VMware · VirtualBox