

Faustina Adeline

WORK EXPERIENCE

Aurora - Uber ATG

Pittsburgh, PA

Systems Engineer

[Mar 2020 – Present]

- Support software development process through evaluation, analysis, visualization, and reporting of test results in several modalities.
- Analyze autonomy performance against systems requirements, identifying and documenting any potential deficiency as part of the verification and validation effort.
- Develop and improve processes throughout the workflow to ensure effective procedures and resolve any issues by collaborating with Scenario, Simulation, Software, Systems, and Test Engineers.

Oracle

Chicago, IL

Applications Developer

[Apr 2018 – Mar 2020]

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 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 earlier software releases.
- Implemented improvements to test plans, 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
C/C++ · Go · JavaScript
SQL · MySQL · NoSQL
PostgreSQL · Hive
MongoDB

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

HTML · CSS
Bootstrap · jQuery
Node.js · ReactJS
TCP/IP · HTTP

Docker · Jenkins
Vault · Consul
Elasticsearch
Logstash · Kibana

UNIX/Linux · Windows
Ubuntu · CentOS
Oracle Linux