Faustina Adeline

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WORK EXPERIENCE

Oracle
Chicago, IL

Applications Developer [Apr 2018 – Present]
Software Development Intern [Sep 2017 – Mar 2018]

- Improve security and streamline development workflow by developing and implementing open source credentials management interface.
- Extend language customization for global customers through research, development, and implementation of initiatives.
- Ensure quality source-code development and improve maintainability by collaborating with Senior Developers, QA, and Release Engineers.

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 that resulted in earlier software releases.
- Implemented improvements to test plans, evaluated results, and produced test reports ahead of schedule.
- Conducted system integration testing and debugged interfaces to ensure compliance with system requirements.

PROJECT EXPERIENCE

Flight Dynamics and Controls
Daytona Beach, FL

Close Formation Flight of UAS [May – Dec 2015]

Led a team of 5 engineering students as the Principal Investigator to research and develop a vision based navigation system of UAS. Assembled, calibrated, and tested the quadcopter ahead of schedule. Performed flight tests and initiated the integration process of both the control system and the vision tracking system.

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

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

Python · Shell
C/C++ · Groovy · Go
TCP/IP · HTTP
SQL · Postgresql
HTML · CSS · Bootstrap
JavaScript · jQuery
AJAX · ReactJS
AngularJS

Docker · Vault · Consul
Elasticsearch · Logstash
Kibana

UNIX/Linux · Windows
Ubuntu · CentOS ·
Oracle Linux