

# Faustina Adeline

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## WORK EXPERIENCE

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**Oracle** Chicago, IL  
Applications Developer [ Apr 2018 – Present ]  
Software Development Intern [ Sep 2017 – Mar 2018 ]

- Reduce security compliance concern by developing and implementing a new credentials management interface using open source tools.
- Implement data visualization through new server metrics gathering and monitoring system dashboards customization.
- Ensure 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.

## PROJECT EXPERIENCE

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**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

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**Embry-Riddle  
Aeronautical University**  
Bachelor of Science,  
Aerospace Engineering  
*Honors: Magna Cum  
Laude*  
2017

## CERTIFICATION

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**Northwestern  
University**  
Full-Stack Web  
Development Coding  
Boot Camp  
2019

## SKILLS

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

Python · Bash  
C/C++ · Groovy · Go  
SQL · NoSQL · MySQL  
PostgreSQL · MongoDB

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

Docker · Jenkins  
Vault · Consul  
Elasticsearch  
Logstash · Kibana

UNIX/Linux · Windows  
Ubuntu · CentOS · Oracle  
Linux