Hong Anh Luu
Software Engineer

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Professional Summary

Software Engineer with 2 years professional experience and 10+ projects with teams in multiple time zones. Outgoing and detail-oriented, great at building and maintaining professional relationships. Always willing to learn and mentor others.

Skills

- Python
- JAVA
- C#
- Visual Basics for Applications (VBA)
- MySQL
- MongoDB
- GitHub
- Kafka
- Robotic Operating System (ROS)
- Eclipse
- Unity
- Linux
- Satellite Tool Kit (STK)

Work Experience

Associate Software Engineer   Los Angeles, CA
The Aerospace Corporation   **Sept 2017 - Present**

- Developed Python unit tests to include mocking functionality
- Prepared and implemented strategies to assess value of model-based system engineering (MBSE) tools
- Prepared and presented reports to upper level management
- Mentored interns and new hires
- Monitored and maintained 4 data servers
- Participated in discussion groups related to machine learning and data analysis

Software Engineer Intern   Los Angeles, CA
The Aerospace Corporation   **Dec 2016 - Aug 2017**

- Refactored code for real time data transfer to minimize memory limitations and implementation of Maven software project management tool to expedite solutions
- Developed JAVA web services using Tomcat and MySQL
- Automated the process of data visualization from Excel spreadsheets to fully generated scenarios using STK and VBA
- Developed user friendly interface with Microsoft Access forms to manipulate Access database and automate data transfer from/to Excel spreadsheets
- Reproduced logical diagrams with Model Base System Engineering (MBSE) tools
- Tracked tasks of all projects using JIRA Project Management
- Pursued self-development by attending Aerospace classes and seminars

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Education

Bachelor of Science in Computer Science   **May 2017**
California State University, Los Angeles