Dung Do

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EDUCATION

B.S. Computer Science GPA:3.45   `Sep 2016 -Mar 2020`
University of California, San Diego, San Diego, CA

SKILLS

Programming Languages	Java, Python, C++, C, HTML, Javascript, CSS
Database	PostgreSQL, Microsoft SQL Server, Oracle
Miscellaneous	Git, Wireshark, CPPUnit, Selenium, TestNG, Agile Methodology

EXPERIENCE

Software Engineer Intern   `Jun 2020 - Sep 2020`
SAP, Palo Alto, CA

- Spearheaded development of Java automated end-to-end UI testing for SAP Information Steward, utilizing Selenium & TestNG frameworks to implement core test cases, expediting UI testing as well as reducing need for manual testing.
- Increased UI test coverage for 2 core features of SAP's Information Steward web application (Rule Editor and Rule Tasks).
- Extended test coverage of SAP Information Steward Data Services over several database stores, including MSSQL, HANA, Oracle, and DB2.

Software Engineer Intern   `May 2019 - Sep 2019`
Fuse Integration, San Diego, CA

- Created a debugging tool in Python through the TKinter framework with a user-friendly GUI to analyze flat buffer packets sent over the company network.
- Created a CMake script to automate code coverage analysis of codebase using Gcov.
- Used the C++ testing framework CppUnit to increase test coverage and find bugs through extensive unit and integration testing.
- Migrated and reorganized company guidelines from company website to GitLab using Markdown.

Lab Assistant   `Dec 2017 - Aug 2018`
Knight Lab, San Diego, CA

- Read, transformed, and visually represented data sets from .csv files in Python.
- Built basic neural networks for machine learning predicting which body part microbes originated in with Python.
- Modeled linear regression of microbial data sets using Tensorflow.
- Awarded Chancellor's Research Excellence Scholarship.

PROJECTS

Light-Novel-Scraper   Python
Python command line interface application utilizing the Python BeautifulSoup and Request libraries to download chapters of online light novels and save them to your computer.

Personal Portfolio Website (dbsdevon.github.io)   HTML, CSS, Javascript
Self-built website to represent as a portfolio, utilizing HTML, Javascript, CSS, and PHP for a visually pleasing design.

DevOps Engineer (Class Project)   HTML, Javascript, CSS, Node.js
Designed modular and reusable web components using HTML elements such as Custom Elements and Shadow Doms. Created a continuous integration pipeline using TravisCI to ensure code quality is maintained throughout the project.

Systems Analyst (Class Project)   Java, Firebase
Android application featuring housing and government-program searching in the San Diego area. Utilized Java to create a questionnaire and stored results into a Firebase database that was queried to match users with housing and governmental aid in which they qualified.