Dung Do

do.devon@gmail.com | (408) 966-4862 | github.com/DBSDevon

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++, HTML, Javascript, CSS, React
Database	PostgreSQL, Microsoft SQL Server, Oracle, Hive
Miscellaneous	Git, Wireshark, Selenium, TestNG, Professional Scrum Developer Certification

EXPERIENCE

Software Engineer, Big Data   `Jan 2021 - Present`
Charles Schwab, San Francisco, CA

- Developed solutions to curate and synch data from different projects using Talend frameworks.
- Performed ETL operations to ingest data from source to target in Hive and aggregated and exported data using SQL to other databases such as Teradata.
- Utilized shell-scripting to automate batch jobs, routinely ingesting data automatically.
- Created a web-app utilizing React and JavaScript to display stock-information of a given ticker.
- Led boot-camp presentations of data track for new hires, explaining data warehousing concepts and tools.

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.

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.