Dung Do

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OBJECTIVE

Seeking a challenging opportunity in the field of Computer Science to gain working experience in the corporate environment.

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	PostgresSQL
Operating System	Windows, Linux
Miscellaneous	Git, Wireshark, CPPUnit, Agile Methodology

EXPERIENCE

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

- Created a debugging tool with a user-friendly GUI to sniff and analyze flat buffer packets sent over the company network.
- Created a CMake script to automate code coverage analysis of codebase using Gcov.
- Utilized CPPUnit Testing framework to increase test coverage and find bugs through extensive unit and integration testing.
- Migrated and reorganized company guidelines using Markdown.

DevOps Engineer (Class) Mar 2019 - Jun 2019
Pair a' Dice (Class Project)

- 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) Mar 2018 - Jun 2018
SD Streets (Class Project)

- Utilized Java in Android Studios for both front-end and back-end work.
- Featured house and government-program searching for San Diego residents.
- Discussed with client about app's needs and negotiated features.
- Determined the app's functionality, use cases, and user stories.
- Created a questionnaire which stored results into a database and filtered user input results.

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.
- Presented findings and results in weekly meetings.
- Awarded Chancellor's Research Excellence Scholarship.

PROJECTS

Personal Website *HTML, Javascript, CSS, PHP* https://github.com/DBSDevon/DBSDevon.github.io
Self-built website to represent as a portfolio, utilizing HTML, Javascript, CSS, and PHP for a visually pleasing design.

Light Novel Scraper *Python* https://github.com/DBSDevon/LN_scraper
Python script that utilizes web scraping to allow easy downloads of novels from https://novelupdates.com.