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Phu C. Truong | Software Engineer

Education

Holberton School of Software Engineering   **San Francisco, CA**

Completed Foundations Curriculum for Full Stack Engineering   Sept 2018 - June 2019

San Francisco State University   **San Francisco, CA**

M.S. in Chemistry (Concentration in Biochemistry)   Aug 2013 – May 2016

- Characterized and improved the kinetic activity of site-directed mutants of styrene monooxygenase

B.S. in Biology (Concentration in Cellular and Molecular Biology)   Aug 2010 – May 2013

Projects

AirBnB Clone - Search page that searches and filters through rental properties similar to AirBnB
- Developed a functional REST API with CRUD to filter data and populate dynamic pages
- Through test driven development and pair programming, implemented a relational database with object relational mapping

[Github]

TripleTail – 24 hour Hack day project that focuses on OAuth
- Worked on the front-end side of a team of eight on translating Github API user data to visualize user performance and productivity

[Github]

Sling – Early development of a web application
- Developed the front-end side for a peer-to-peer lending application

[Github]

Simple printf/shell
- Built simple printf function and shell in C with minimal library uses and emphasis on no memory leaks and errors

[Github] [Github]

Experience

University of Michigan   **Ann Arbor, MI**

Graduate Student Research Assistant   July 2016 – June 2018
- Applied chemical and biophysical techniques to solve the 3d structure of essential protein-RNA binding/interaction

Entrotech life sciences inc.   **San Francisco, CA**

Regulatory Affairs Intern   July 2012 – June 2016
- Prepared 510(k) FDA filings seeking regulatory approval of several new anti-microbial medical devices with 1 approved for commercial marketing.
- Performed Risk Management activities to continually improve the safety & efficacy of medical products for hospital and military usages.
- Managed a new ISO compliant Quality Management System for medical devices.

Technologies/Tools

Python, Flask, MySQL, SQLAlchemy, Ubuntu, C, Linux/Unix, JQuery