

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
<ul style="list-style-type: none">Study 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
- TripleTail B** – 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
- Sling** – Early development of Web app that functions as Peer-to-Peer lending application
- Developed the front-end side
- Other**
- Built simple printf function and shell with C with emphasis on no memory leaks and errors

Experience

University of Michigan.	Ann Arbor, MI
Graduate Student Research Assistant	July 2016 – June 2018
<ul style="list-style-type: none">Applied chemical and biophysical technique 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
<ul style="list-style-type: none">Prepared 510(k) FDA filings seeking regulatory approval of several new medical devices.Performed Risk Management activities to continually improve the safety & efficacy of products.Manage a new ISO compliant Quality Management System for medical devices.Complete day-to-day activities required for maintaining regulatory compliance.Planned and Managed Projects for developing and commercializing new medical devices.	

Technologies/Tools

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

Interests

Machine-learning, football, protein structure, mountain climbing, backpacking