Stephen Davis Owen

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EXPERIENCE

Front End Engineer Intern   **Taboola**
Sep 2019-Present   Los Angeles, CA
-Work in bi-weekly scrums to develop new features for desktop and mobile app using React and React-Native
-Refactor previous code to make generic components to speed future development process
-Test and review peer's features to maintain codebase quality
-Coordinate with product stakeholders to discuss feature deliverables

Software Engineer Intern   **Camino Financial**
May 2019-August 2019   Los Angeles, CA
-Implemented backend API endpoints using Django REST framework to communicated with React.js frontend
-Utilized third party API to generate embedded document signing to our frontend application.
-Created Python Celery jobs to automatically query database for users and send emails and upload documents to third party service.
-Used Trello and daily stand meetings in agile scrum setting to iteratively develop features.
-Worked closely and communicated with Project Managers to work on tasks and features.

Undergraduate Student Researcher   **The Institute for Computational Engineering and Sciences**
May 2017-August 2017   Austin, TX
-Wrote energy calculation programs in Python to create an atom-atom pairwise energy profile of structure to determine areas of interest in proteins, using Lennard Jones 6-12 and Coulomb potentials
-Ran program pipelines on Stampede supercomputer using Bash and Python for pipelines, and gathered and summarized resulting data using Matplotlib and pandas.
-Researched and summarized previous methods used to refine x-ray crystallography derived protein-protein and protein-ligand structures
-Used Python and Bash in a Linux Red Hat environment for all tasks

COMPUTER SKILLS

Languages: Python, Javascript, Java, C++, Bash, PHP, SQL, R, Matlab, LaTeX.
Web Development: React/Redux, React-Native, Node.js, Python-Flask, Python-Django, SQLAlchemy, HTML, CSS, Apache
Applications: Docker, Vi/Vim, Git, MySQL, Jira, Trello
Operating Systems: OSX, Unix, Linux: Debian, Redhat

EDUCATION

University of Texas at Austin, Austin, TX
Bachelor of Science, Physics Option II: Computation   May 2018
Minor, Elements of Computing   May 2018
QSI International School, Shekou, China
High School   May 2014