BRIAN CHAN

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EDUCATION

University of California, Los Angeles   September 2016 - March 2020 (expected)
Bachelor of Science in Computer Science and Engineering   GPA: 3.62

EXPERIENCE

Tumblr (Verizon Media)   June 2019 - August 2019
Software Engineering Intern - Content Intelligence Group Backend Team   *New York, NY*
· Developed Apache Hive queries for big data analysis to understand user behavior with content flagging and post appeals to determine how many of each are correct.
· Created and unit tested a new backend feature with Apache Airflow and PHP scripts that will improve user experience around user flagging by determining the potential accuracy of a user's flag and reduce spam.
· Deployed code multiple times a week to production.
· Worked with: *Apache Airflow, Apache Hive, PHP, PHPUnit, Git*

Symantec   June 2018 - September 2018
Software Engineering Intern   *Culver City, CA*
· Utilized the Elastic Stack to automate the exporting of a database, using SQL, from a .NET web application for visual trends and data analysis for corporate wide usage.
· Created Python scripts for automated testing and verification of configurations.
· Worked with: *Elastic Stack, SQL, Python*

UCLA DevX   September 2017 - Present
Frontend Developer   *Los Angeles, CA*
· Currently working on StudySmart, a mobile app developed in React Native to allow UCLA students to book study rooms and view how busy study locations around UCLA are.

PROJECTS

New Personal Portfolio Website (In Progress)   *React, HTML, CSS, JavaScript*
· A complete revamp of my current portfolio website. The frontend is now in React and will dynamically load content provided by the backend which is hosted by Firebase. I created an Admin portal on the site for easy creation, updating, and deletion of content from the site which will provide immediate frontend changes.

Stock Notifier (2019)   *React Native*
· An Android app developed in React Native to allow users to follow stocks and receive server-side notifications for when a stock passed a support or resistance line. Developed for a class with a group as a frontend developer.
· Specifically, I developed the list view of followed stocks; the frontend ability to add, edit, and remove a stock; and created graphical views of the current price in relation to the support and resistance lines. I also contributed to the development of the Software Requirements Specification before the project was started.

Bruinstrooms (2018)   *Java*
· An Android app developed in Java and utilized Firebase to allow users to rate and review restrooms within the UCLA campus. Developed for a class with a group as the lead backend developer. I developed all of the backend logic for handling the creation and updating of ratings, reviews, and details of the restrooms.

SKILLS

Languages   C++, Java, C, Python, JavaScript, HTML, CSS
Tools & OS's   Git, SSH, Elastic Stack, Windows, Unix