

BRIAN CHAN

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EDUCATION

University of California, Los Angeles

Bachelor of Science in Computer Science and Engineering

September 2016 - March 2020 (expected)

GPA: 3.62

EXPERIENCE

Tumblr (Verizon Media)

Software Engineering Intern - Content Intelligence Group Backend Team

June 2019 - August 2019

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.
- Deployed code multiple times a week to production.
- Worked with: *Apache Airflow, Apache Hive, PHP, PHPUnit, Git*

Symantec

Software Engineering Intern

June 2018 - September 2018

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

Frontend Developer

September 2017 - Present

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