

# AARON SHABANIAN

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## EDUCATION

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### Chapman University

Aug. 2018 - May 2022

Major- Computer Science, Minor- Business Administration

3.6 GPA

Relevant Coursework: Operating Systems, 3D Printing, Compiler Construction, Programming Languages, Database Management, Data Communication, Artificial Intelligence, Data Structures and Algorithms, Visual Programming in Unity, Digital Logic Design, Computer Science I in Python, Computer Science II in Java, Intro Shell Scripting, Intro to R, Multivariable Calculus, Discrete Mathematics

Fall 2021: Web Engineering, Introduction to Data Science, Computer Architecture

Spring 2022: Machine Learning

## EXPERIENCE

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### Charles Schwab, *Software Engineering Intern*, Austin, TX

June 2021 - Aug. 2021

- Created Splunk alerts for the Advisor Services Technology team
- Developed a Full Stack Web app using Java and the Springboot framework that stores Splunk alerts into a database that can be searched and commented on by other developers
- Created Web test scripts in ThousandEyes using JavaScript

### URx, *InternHacks 2020 Cohort, Software Engineer*

June 2020 - July 2020

- Developed a Financial Document storage android application with a group of 4 team members with the supervision of a mentor
- Used Android Studio with Box API to develop the application
- My duties included creating navigation scripts, backend scripts to store user data, and implementing the BOX API to upload and retrieve files

### California Science Center, *Educational Volunteer Intern*, Los Angeles

June 2017 - Aug. 2017

- Taught Scientific concepts to museum visitors
- Used tools such as microscopes and telescopes
- Greeted and directed visitors to different exhibits

## SKILLS

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**PROGRAMMING LANGUAGES:** C++, Python, Java, C#, HTML, CSS, R, SQL, Javascript

**TECHNOLOGIES:** Docker, Command Line, Unity, Git, Flask, Android Studio, MySQL, Jenkins, Splunk, App Dynamics, Bitbucket, Springboot, ThousandEyes, Postman, Thymeleaf, React

## PROJECTS

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### Mini Social Media Website

Sept. 2020 - Sept. 2020

- Developed a site for a Non- Profit called Girls in the Game that allows coaches and administrators to send announcements and challenges that can be accepted by students while also allowing students to encourage others
- Won first place in JP Morgan's Code for Good Hackathon with a team of 7 members and assisted by 2 mentors in a 20 hour period.
- My responsibilities included setting up a firebase database and creating functions to read and write to that database.
- Technologies used include Flask with Python for backend, Firebase with python for Database and Bootstrap for the front end.

### Stock Trading Bot

June 2020 - Aug. 2020

- Developed a Program that buys and sells a couple commonly traded stocks based on patterns that are analyzed
- Developed in Python using Alpaca API to place orders and Yahoo Finance API to stream stock data
- Available for download in .exe format for windows

### Covid-19 Data Tracker

May 2020 - July 2020

- I developed a website to track the Covid-19 Pandemic
- Keeps track of current trends and makes 14 day projections based on metrics
- Developed in Github Pages using HTML and CSS with Google Sheets for data collection

### Alchem Vr

Aug. 2019 - May 2020

- Rather than take a pencil and paper lab safety test, users are immersed into a virtual reality lab environment and rewarded or penalized based on the actions that they take.
- Duties include creating UI/UX, Writing scripts for scoring and various other back-end tasks and creating models. Made in Unity with C#
- Targeted for an android device to use in google cardboard for the full VR experience