

Alfred Zhuang

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A computer science student looking to expand his knowledge in the world of programming. Seeking to develop and nurture my skills in software development with the hopes of pursuing a career in Software Engineering.

EDUCATION

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

Pomona, CA

Bachelor of Science in Computer Science, Anticipated graduation date: May 2023

- Honors: President's Honor List (GPA: 4.0)
- Relevant Coursework:
 - Discrete Structures
 - Intro to Programming and Problem Solving
 - Data Structures and Advanced Programming

PROJECTS

Zoomin' Bot

Discord Bot

December 2020 - January 2021

- Built using Node.js, Zoomin reminds users when they have upcoming class sessions or assignments due
- Implements Discord.js for bot functionality such as sending messages or handling commands, and cron to schedule messages
- Uses Mongoose and MongoDB for database storage and is deployed using Heroku

Looking For Group

Web Application - Built at IvyHacks 2020

October 2020

- Collaborated in a team of 4 to create a web application using React.js
- Allows users to create or join groups to network or play games with others
- Implemented Google Firebase and Google Firestore functionality for the backend
- Deployed the website using Firebase hosting

TRIEULOO Twitter Tracker

Twitter bot - Won Hacking with AWS at SillyHacks 2020

September 2020

- Worked in a team of 3 to create a Twitter bot using Node.js, the Riot Games API to retrieve statistics, and Amazon AWS (EC2) to host the bot
- Coded the twitter functionality of the bot, using the twit node package and added database functionality with the nedb node package
- Deployed the bot onto Amazon AWS (EC2)

SKILLS

- Coding languages: Java, Flutter, HTML, CSS, Javascript, Typescript
- Technologies: Google Firebase/Firestore, GraphQL, MongoDB, Node.js, React.js