ELIAS ARGHAND

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EDUCATION

University Of California, San Diego   September 2019 - January 2023

- Computer Science and Engineering   Major GPA: 3.6

EXPERIENCE

UC San Diego Computer Science Tutor   September 2020 - December 2020

- UC San Diego Computer Science tutor for CSE 8A: Introduction to Computer Science: Java I
- Will be holding lab hours and debugging other students' code in Java and Python.

Learn2Code Coding Instructor   August 2020 - Present

- Instructor at an online platform contracted by schools throughout Silicon Valley to help kids in grades K-12 how to code in languages such as Python, HTML/JavaScript Web Development, Java, C++.
- Teaching full sized classrooms and one-on-one sessions as well as debugging code and other issues.

PROJECTS

Time-Boxing Calendar   July - August 2020

- Ios and Android App built using Flutter that improves the productivity of users by providing a calendar that encourages the user to plan daily activities beforehand.
- App also encourages users to fill in every hour with a specific activity to eliminate procrastination and stress.
- Contains data of all the events on the calendar including date and time stored using Firebase.

Discord Bot - Elias BOT   March 2020

- Discord bot created using Python Discord Library.
- Bot contains mini games that can be played against a CPU.
- Stores the level of a user based on their activity on the discord server.

Hacktech Software Development: Vacation in a Day   March 2020

- Website that provides a plan of activities a person can do within a given area requested, including
- Web app written in HTML, Python, and JavaScript and is hosted on the AWS Elastic Beanstalk server.
- Back-end Server written using Python Flask and uses Google Maps API and Google Places API to provide activities within the given area.

SD Hacks Software Development: ThirstyMaps.tech and Android App   October 2019

- Utilizes Google Maps API to provide directions between current location and nearest water filling stations.
- Locations of all water filling stations scraped using a Python bot with lxml scraping library.
- Website is hosted on the Amazon AWS S3 with CloudFront and Android app developed using kotlin.

TECHNICAL SKILLS

Programming Languages: Java, C++, C, JavaScript, Python, HTML, Kotlin, Dart, ARM, SQL

Frameworks: Node.js, Android, Unix, Flutter,

Other: AWS, Google Cloud, Firebase