

ELIAS ARGHAND

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EDUCATION

University Of California, San Diego

September 2019 - June 2023

- Computer Science and Engineering Major GPA: 3.84

EXPERIENCE

Incoming UC San Diego Computer Science Tutor

September 2020 - December 2020

- Incoming tutor for CSE 8A: Introduction to Computer Science: Java I
- Will be holding Lab hour and debugging other students code in Java.

Learn2Code Coding Instructor

August 2020 - Present

- Instructor at an online platform to help kids in grades K-12 how to code in languages such as python, HTML/JavaScript Web Development, Java, C++.
- Teaching in both group settings 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.
- Data about 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 the activity of that specific user 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.
- 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

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

Other: AWS, Google Cloud, Firebase