ELIAS ARGHAND

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EDUCATION

University Of California, San Diego   September 2019 - January 2023

- B.S. Computer Science and Engineering   Major GPA: 3.7
- Minoring in Cognitive Science

EXPERIENCE

Workday CodePath SITE FullStack Intern   June 2021 - August 2021

- Worked full stack Web development using React, Node.js, Express, Typescript, Heroku, and PostgreSQL.
- Leveraged Google Maps API to develop organization ride sharing application.
- Followed an Agile workflow environment with daily scrum meetings.

Learn2Code Coding Instructor at The Harker School   August 2020 - Present

- Instructor at The Harker School and other schools throughout Silicon Valley to teach K-12 students 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.

UC San Diego Computer Science Tutor   September 2020 - December 2020

- UC San Diego Computer Science tutor for CSE 8A: Introduction to Programming.
- Held lab hours and debugged 500+ students' code Python.

PROJECTS

Meal.ly   February 2021 - March 2021

- Web Application built using React that allows users to enter ingredients and generates recipes utilizing the Spoonacular API.
- App includes login system built using Firebase that allows users to save favorite recipes.
- Front-end written utilizing React and back-end server implemented using Node.js with Express, and Firebase as the database.

ACM Teammate Finder   October 2020 - November 2020

- Website built for ACM that allows users to host virtual events for activities such as gaming, projects, and school.
- Back-end server written using Node.js with Express and Front-end using React.
- User authentication and back-end database implemented using FireStore.

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/Other: Node.js, Android, Unix, Flutter, AWS, Google Cloud, Firebase, React, Docker, Heroku
Interests: ACM: Association for Computing Machinery, IEEE, SD Hacks Hackathon Organizers