ELIAS ARGHAND

(858) 284-7645 ⬦ earghand@ucsd.edu ⬦ earghand.github.io/Portfolio ⬦ **in** earghand ⬦ ⌗ earghand

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

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
- Held lab hours and debugged other students' code in Java and Python.

Learn2Code Coding Instructor   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.

PROJECTS

Meal.ly   February 2021 - Match 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.

Connect Me   October 2020 - Present

- WebApp designed to help people connect Linkedin, GitHub, and other social media through a QR Code.
- Users can make an account and are provided with a unique QR code that links all social medias.
- Web app built using Python Flask and data of all users are stored using PostgreSQL.

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
Interests: ACM: Association for Computing Machinery, IEEE, SD Hacks Hackathon Organizers