

ARIAN ALAVI

arianalavi1@gmail.com ○ [linkedin.com/in/arian-alavi/](https://www.linkedin.com/in/arian-alavi/) ○ github.com/AriAlavi ○ www.arianalavi.com

EDUCATION

(3.46 GPA) BS Applied Mathematics, University of California - Santa Barbara Expected 2022

(3.71 GPA) Computer Science: Data Structures and Algorithms, Discrete Structures, Structure and Interpretation of Computer Programs, and **Assembly Language**

EXPERIENCE

Innova Accelerator - Irvine, CA

Lead Full Stack Developer

Aug. 2018 - Now

- **eCore** (CRM/ERP Webapp) - eCore has been developed for 3+ years and its 24/7 uptime is my responsibility. It is used daily by most members of the company. Its most important function is contractor management, which entails scheduling and the collecting of site reports.

Front-End: jQuery, Bootstrap

Back-End: Python-Django, SQL

Integration: Google API, REST Framework

Hosted: AWS(EC2, RDS) with Nginx

TuffHouse - Goleta, CA

Founder + Backend Developer

Sept. 2021 - Feb. 2022

- Startup with 4 other members focused on preventing property loss from the threat of wildfires. Main responsibilities; team management, public speaking, and product development.

Front-End: ReactJS, NextJS

Back-End: Python-Django, SQL

PROJECTS

BotCoin - A project involving big data (3+TB), using Reddit to predict prices of Ethereum

Technologies: Python, TensorFlow, Multiprocessing

JustYeetIt - Pauseable and asynchronous file-transfer utility, similar to BitTorrent protocol

Front-End: JavaScript, Electron

Back-End: Python, Python-Asyncio

SigNN Team leader for a group building real-time ASL alphabet translation on Android devices

Technologies: C++, MediaPipe, TensorFlowLite, REST API, Google Colab

The Lost Game of Ur - Boardgame with level editor and neural network opponent, sold on Steam

Technologies: C#, Unity, TensorFlow

LANGUAGES

[5 Years] Python - Asyncio, Django, Selenium, Electron, Multiprocessing, PyAutoGUI, REST API, Tkinter

[5 Years] C++ - Google MediaPipe, Googletest

[3 Years] JavaScript + HTML5 + CSS - Jquery, Bootstrap

Other - Apache2, AWS, Bash, C#, English, Git, Github, Nginx, SQL, TensorFlow, Ubuntu, Unity