

ARAMAYIS ORKUSYAN

Software Developer

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📍 Fresno, CA



EXPERIENCE

Instructor

Geekwise Academy

📅 2020 - Ongoing 📍 Fresno, CA

- Taught fundamentals of HTML, CSS, Git, and GitHub.
- Developed a curriculum for a React application development course.
- Currently teaching React application development.

Software Developer

Hub of Digital Transformation (Fresno State)

📅 2019 - 2020 📍 Fresno, CA

- Developed RESTful APIs using Python, Docker, MongoDB, and AWS that issue and verify blockchain-based academic certificates.
- Developed a React frontend for issuing, verifying, and managing digital certificates.
- Managed AWS architecture and DevOps tasks for all student projects.

Embedded Systems Programmer

DPS Telecom

📅 2017 - 2019 📍 Fresno, CA

- Developed firmware in C/C++ for remote monitoring systems.
- Developed in-house Arduino based tools in C++ to automate testing and calibration of analog devices.
- Used oscilloscopes, logic analyzers, and hardware emulators to debug and fix firmware/hardware bugs.
- Implemented new features in the web-based internal tools using PHP and MySQL.

SKILLS

Frontend Development

HTML CSS JavaScript jQuery React

Bootstrap Integrating with REST APIs SPA

Backend Development

Python Django NodeJS ExpressJS PostgreSQL

MySQL MongoDB Redis REST APIs MVC JWT

DevOps

AWS Docker Nginx Linux Git GitHub

EDUCATION

M.S. Computer Science

California State University, Fresno

📅 2018 - 2020

- **Masters project:** I am developing a cloud-based toolkit and data analytics pipeline which collects weather, crop, soil, GIS, and irrigation scheduling data from different vendors, compute evapotranspirative stress of crops, and determine an optimal crop irrigation schedule. As part of the project, I am also developing a web based user interface to be used by farmers.

B.A. Mathematics

California State University, Fresno

📅 2012 - 2016

- President's Honors Scholar
- President of the Society of Industrial and Applied Mathematics Club

Geekwise Academy

- Websites for Beginners (2015)
- Mobile Friendly Websites (2020)
- JavaScript for Beginners (2020)
- No-Instructor Course (2020)

PROJECTS

Pinder

🌐 <https://github.com/AramayisO/Pinder>

A Tinder like application for adopting pets. This was a group project built using React and Google Firebase. My contribution included:

- Integrating the application with Firebase by developing service classes that exposed a vendor agnostic API to the app
- Implementing registration and authentication
- Configuring routing using React Router DOM
- Managing the project and helping team members learn React

Magic 8 Ball

🌐 <https://github.com/AramayisO/magic8ball>

A vanilla JavaScript application which allows users to ask the magic 8 ball a question and receive a randomized answer. In this project, I tried to recreate React's JSX and Components structure using only vanilla JS.