

Robert Garabetian

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EDUCATION

Glendale Community College
Computer Science **GPA: 3.91/4.00**

Glendale, California
Aug 2023 – Present

SKILLS

Languages: C++, C#, Java, Python, JavaScript, TypeScript, Dart, SQL

Technologies: Node.js, React.js, Next.js, Flutter, Git, MySQL, Framer Motion, Tailwind CSS

EXPERIENCE

Technix Academy

Montrose, California

Coding Instructor

Oct 2023 – Sep 2024, Part-time

- Taught over 80 children (ages 6-18) beginner to college-level computer science concepts in languages such as Python, Java, and C++.
- Instructed students on graphic design softwares such as Adobe Illustrator, Tinekercad, and Paint 3D, to provide them with a strong foundation of digital tools that will help them express creativity.
- Collaborated with supervisors to develop and revise over 200 pages of C++ and Python curriculum for teaching students more advanced object-oriented topics.

Glendale Community College

Glendale, California

Computer Science Supplemental Instructor

July 2024 – Aug 2024, Part-time

- Hosted online collaborative sessions to provide supplemental instruction for students in CSIS 151 Python Programming (28 students) and CSIS 135 Programming in C/C++ (30 students).
- Worked alongside students to debug programming assignments, teach and utilize Git for version control, and improve overall understanding of class material.
- Managed the lab portion of the CSIS 135 class by planning weekly activities where students could work in teams to solve programming problems relating to what they had learned in class that week.

Starbucks Coffee Company

La Crescenta, California

Barista

May 2022 – April 2023, Part-time

- Efficiently processed customer orders through in-store and drive-thru POS systems, mastering complex drink recipes and operational protocols in a fast-paced, time-sensitive environment.
- Collaborated with a dynamic and rotating team of baristas to consistently deliver high-quality customer experiences in a high-demand setting.

PROJECTS

TruckDocs | [GitHub](#)

- Collaborating with DOT compliance experts to build software for truck drivers that will assist them in managing documentation and paperwork with the goal of allowing drivers to focus more on driving and less on missing important DOT and tax deadlines.
- Leveraging Next.js server-less functions to send requests to a PostgreSQL database, hosted with Supabase, where user and document information is stored. Also integrating Clerk as an authentication library to provide truckers with a simple and secure on-boarding process. File uploads are processed using Uploadthing and a URL to each document is stored within the database, allowing users to view and share their documents with ease.
- Utilizing React.js and Next.js alongside component libraries such as Shadcn UI and Tailwind CSS to provide truck drivers with a clean and easy-to-use interface.

RoadSpice | [GitHub](#)

- Worked alongside a team of 2 other developers at UC Berkeley's, CalHacks 11.0 to create an AI powered web application, built to assist travelers in planning the perfect road trip.
- Leveraged prompts in Google Gemini 1.5 Flash that would return JSON data with tailored destinations to visit depending on the user's willingness to veer from the quickest path from their initial to final destination.
- Implemented the Google Maps API to provide users with a visual representation of their road trip, including waypoints that would utilize the Gemini response to represent the destinations to stop at along the way.