Alexander Garbero

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Objective

Seeking a Software Engineer position. Computer Science graduate from San Diego State University with an emphasis in AI, full stack development, and collaborative innovation. Multiple projects demonstrating competency in listed programming languages, OOP, and basic computer science principles. Experience innovating, designing, developing, and documenting software solutions using React.js, Javascript, Python, C/C++/C#. Driven to learn, create, and adapt in the world of software engineering.

Education

Bachelors of Science in Computer Science

San Diego State University   Aug 2018 – December 2023

Classes: Data Structures & OOP, Digital Systems, Intro to Artificial Intelligence, Algorithms, Operating Systems, Machine Learning, Computer Security, Networks & Distributed Systems, Wireless Networks

Codecademy   Jan 2023 – Current

Intro to Programming, Intro to Data Structures, Algorithms, Trees and Graphs, Databases, Computer Architecture, Math for Computer Science, Full-Stack Web Development

Skills

React, Node.js, HTML, CSS, Tailwind CSS, Javascript, PostgreSQL, Python, C, C++, C#, RESTful APIs, Git, GitHub, UNIX/LINUX, VIM, MS Office Suite, VS Code, MS Visual Studio, Google Suite

Projects

AI Powered Email Organization Tool – React, Javascript, Python

San Diego State University   Aug 2023 – Dec 2023

Designed and developed a web app that uses Google's Gmail API to access the users email. The emails are then organized into different categories with AI using OpenAI's API.

NASA Astronomy Picture O.T.D. Web App – React, Javascript, HTML, CSS

Personal Project   May 2024

Built a web application that shows users the present NASA Astronomy Picture of the Day using NASA's API. From the API, a description, title, and date is pulled for the photo using React components and hooks.

Gym Trainer Web App – React, Tailwind CSS, Javascript, HTML

Personal Project   May 2024

Developed a web app that creates a gym routine for the user based on their selected preferences. This application is programmed with extensive use of React components and hooks.

Awards and Involvements

San Diego State University Phi Delta Theta Fraternity Member	Fall 2018 – Spring 2022
CA-935th AFJROTC: Cadet/Staff Sergeant	Fall 2014 – Spring 2016
Armed Fancy Drill Team - Four Man Commander	Spring 2016
Tuskegee Airmen, Inc., Certificate of Achievement	Spring 2016