

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 Python, Javascript, 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

Python, Javascript, React, Node.js, C, C++, C#, HTML, CSS, SQL, 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 tool 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.

3D Bartending Game – C#

San Diego State University

Aug 2023 – Dec 2023

Designed and implemented a 3D bartending game using Unity. The player is given an order from an approaching customer, and is tasked with creating the drink accurately. Implemented multiple interactions between objects, collision boxes, and their relationship with a scoring system.

Photography Pricing Tool – Python

Codecademy

Feb 2023

Designed and developed a photography pricing tool. The tool accepts input from the user to determine the appropriate price for a photoshoot. Elements considered in the price include but are not limited to photography gear, distance traveled, number of photos, and types of photos.

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