Christian Garcia

SOFTWARE ENGINEER

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PROFILE

Driven by a passion for health, wellness, and personal growth, I fuse these interests with a profound love for crafting meaningful digital products. My journey through technology is deeply rooted in a desire to create solutions that resonate with human well-being. Beyond the code, I cherish team collaborations, public speaking, and personal growth.

SKILLS

HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js, Java, Axios, Sass, MySQL, Knex.js, Firebase, DOM API, Web API, Git, GitHub, Postman, Jira, Agile Development, Figma, Adobe Creative Cloud

PROJECTS

Software Engineer | EchoLingo

JUN 2023 - AUG 2023 | BRAINSTATION CAPSTONE PROJECT

- Designed and built out a full-stack application that primarily serves as an AI based transcribing and translation tool. Mockups were created using Figma, while the front-end was built with React.js, Axios, and Sass. The back-end was developed with Express and Node.js. Used Firebase for user authentication, writing and reading data via Firestore, and included Cloud Storage to serve audio files for a specific feature. Incorporated APIs from OpenAI such as Whisper, TTS, and GPT-4 Turbo preview model.

Backend Developer & Presenter | DataConnect

JUN 2023 - AUG 2023 | BRAINSTATION INDUSTRY PROJECT

- Took part in a collaborative project alongside other developers and UX designers to create a platform that visualizes and determines engagement within version control systems like GitHub repositories. I focused on utilizing the GitHub RESTful API in order to extract the engagement metrics needed to execute the problem space.

Full Stack Developer | BrainFlix

JUN 2023 - AUG 2023 | BRAINSTATION PROJECT

- Coded a small scale youtube-like web app using React on the frontend and Node and Express on the backend. Built and integrated my own API that was used to gather video data. Styled pages according to the provided design mockups.

Designer & Developer | GymPass

JUN 2023 - AUG 2023

- Developed an Android app that connects users to athletic facilities granting them temporary access. Integrated Google Places API, Firebase Realtime Database, and Firebase Authentication.

Creator & Designer | Mindstill

AUG 2022 - MAY 2023

- An immersive installation designed to lead viewers on a visual journey reflecting the vivid imagery that emerges during meditation. Through generative designs, spatial audio, and digital projections, this contemplative space aims to foster mindfulness and encourage visitors to embrace the serenity and beauty found in the present moment. Created this project primarily with the visual programming interface TouchDesigner.

EDUCATION

BrainStation | Diploma, Software Engineering

SEP 2023 - DEC 2023, MIAMI, FL

- 12 Week - Full Time - In Person: Intensive Full-Stack Web Development Bootcamp

George Washington University | Bachelors in Computer Science & Interaction Design

AUG 2019 - JUL 2023, WASHINGTON, DC

- **Foundational Coursework:** Algorithms & Data Structures, Software Engineering, Database Systems & Team Projects, Systems Programming, Software Design for Handheld Devices