

Gerardo Barcenas

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SUMMARY

Recent Computer Science graduate from California State University East Bay with a GPA of 3.4 and a solid foundation in web development, software development, and mobile development. Demonstrated proficiency in various programming languages and frameworks, including Python, JavaScript, Swift, and Ruby on Rails. Experienced in both independent projects and collaborative work, with a track record of developing user-friendly applications and fostering a supportive learning environment in a data science club.

SKILLS

Technical Skills: Python, Java, C, C++, Git, HTML, CSS, SCSS, JavaScript, SQL, Swift, Ruby, Ruby on Rails, Docker, APIs

Certifications & Training: Online Course in Git & GitHub ([Udemy](#)), iOS Development Certification-With Honors ([CodePath](#)), Cyber Security Awareness Training Course ([Udemy](#))

EDUCATION

Bachelor of Science (B.S.) - Computer Science

California State University East Bay

Hayward, CA

May 2023

Cumulative GPA: 3.4/4.0, Dean's List: Fall 2021 & 2022

Relevant Coursework: Software Engineering, Web Development, Mobile Programming, Data Structures & Algorithms, Statistics

PROJECTS

gbarcenasjr.github.io – Website

Hayward, CA

Front-End Development

Jun 2022 – Present

- Conceptualized, designed, and developed a portfolio website showcasing four key projects, applying modern web standards with HTML, CSS, and SCSS to ensure a user-friendly structure and design.
- Implemented interactive behaviors using JavaScript. Utilized GitHub Pages for seamless deployment, demonstrating proficiency in modern front-end workflow.

[Acme Adventure Travel](#) – University Website Project

Hayward, CA

Full-Stack Development

March 2022 - May 2022

- Developed a responsive company website using HTML & CSS for the front end, demonstrating the ability to create visually appealing and user-friendly interfaces.
- Implemented the back-end with JavaScript, MySQL, & Ruby on Rails framework and utilized Docker for containerization and local deployment, showcasing full-stack development capabilities.

[Moto-Safe](#) – iOS App

Hayward, CA

Native iOS Development

Feb 2021 – Sep 2021

- Independently developed an innovative iOS application using Swift and MVC architecture, focusing on enhancing motorcycle safety.
- Integrated APIs to provide real-time weather conditions in over 200,000 cities, demonstrating capabilities in API usage and data integration for an improved user experience.

[C Language Producer/Consume Solution](#) – University Project

Hayward, CA

Low-Level Software Development

April 2023 - May 2023

- Developed a C Language implementation of the multi-thread Producer-Consumer problem on Linux, with functions to create up to 8 producer and consumer threads simultaneously, manage a shared buffer, and ensure thread-safe operations

ACTIVITIES

[Adobe Hackathon at CSU East Bay](#)

Hayward, CA

Hack The Outbreak Hackathon

October 2022

- Contributed as a team member to a group of 7 during Adobe Hackathon, prototyping an AR solution under tight deadlines.
- Utilized a beta version of Adobe Aero and Excel to display medical planning to medical staff during a disease outbreak simulation.

[Cal State East Bay Data Science Club](#)

Hayward, CA

Co-Founder and Club Officer

Jan 2020 – May 2022

- Expanded club membership to 130+ and fostered a supportive learning environment through engaging events, Python workshops, and collaborative projects from Kaggle.com, showcasing leadership and dedication to enhancing members' data science skills.