Gerardo Barcenas Jr.

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EDUCATION

California State University, East Bay   **Hayward, CA**
B.S. in Computer Science   *May 2023*
- Awards/Organizations: Dean's List: Fall 2021 & 2022, CSUEB Data Science Club, Circle K International

SKILLS & INTERESTS

Skills:
- Python, Java, C/C++, JavaScript, SQL,
- Linux, Windows, MacOS, iOS, Android
- Jet Brains IDEs, Visual Studio, XCode, Eclipse
- Git, GitHub, Swift, HTML, CSS, Assembly

Interests: Software Development, UX/UI, Tutoring/Mentoring, Volunteering, Digital Design, Team Projects

RELEVANT COURSES & PROJECTS

Courses: Software Engineering, Statistics Probability for Sci/Eng, Artificial Intelligence, Mobile Programming, Web Development, Data Structures & Algorithms, Computer Networks, Analysis of Algorithms, Calculus II

Portfolio Website   **https://gbarcenasjr.github.io/**
Personal Project   *June 2022 – Present*
- Utilized HTML, CSS, JavaScript, and SASS to design and develop a user-friendly portfolio website, demonstrating proficiency in front-end development, UX/UI design, and deployment using GitHub Pages.
- Implemented modular code, organization, and layout adjustments to increase readability and facilitate potential future collaborations or updates.
- Regularly maintain and update the website to reflect professional growth, evolving web technologies, and adherence to software engineering principles, demonstrating a commitment to continuous learning and improvement.

Moto-Safe App   **github.com/gbarcenasjr/Moto-Safe-App**
Personal Solo Project   *February 2021 – Present*
- Develop an iOS app that utilizes Weather API to assess motorcycle riding safety based on local weather conditions, helping users make informed decisions about when and where to ride.
- Designed the user interface, implemented the Model-View-Controller architecture for easy maintenance and future updates, and integrated Weather API to fetch real-time weather data for multiple locations.
- Provided a valuable tool for motorcycle enthusiasts to ensure safe riding conditions, demonstrating a user-centric approach to software engineering.

WORK EXPERIENCE

GMB Cleaning Services   **Hayward, CA**
Admin & Technology Intern   *January 2020 – Present*
- Established 25+ recurring clients by developing GMB's website, designing marketing materials, and streamlining administrative tasks, leading to an increased client base and company growth.
- Designed and maintained digital assets like the GMB website and marketing material, enhancing brand image and online presence, ultimately contributing to the company's success.

LEADERSHIP EXPERIENCE

Cal State East Bay Data Science Club   **Hayward, CA**
Co-Founder / Officer   *January 2020 – May 2022*
- Expanded club membership to 130+ members by organizing engaging events, guest lectures, hands-on Python workshops, and group discussions to create a supportive community for students interested in data science careers.
- Supported members in Python projects sourced from Kaggle.com and Datacamp.com by providing guidance, troubleshooting issues, and promoting collaboration, ultimately fostering a learning environment where members could grow their skills and confidence in data science.