

Gerardo Barcenas Jr.

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EDUCATION

California State University, East Bay

Hayward, CA

BS in Computer Science

Graduation Date: May 2023

- Organizations/Awards: CSUEB Data Science Club, Circle K International, Dean's List: Fall 2021 & 2022

SKILLS & INTERESTS

Skills:

- Python, Java, C++, Swift, Assembly, CLISP
- Linux, Windows, MacOS, Android
- Jet Brains IDEs, Visual Studio, Xcode, Eclipse
- Git, Github, HTML, CSS, MySQL

Interests: Tutoring/Mentoring, Machine Learning/AI, Computer Networks, Volunteering, Motorcycle Riding

RELEVANT COURSES & PROJECTS

Courses: Statistics Probability for Sci/Eng, Data Structures & Algorithms, Software Engineering, Numerical Algebra and Linear Algebra for Computer Science, Operating Systems, Mobile Programming, Web Development

Moto-Safe App

github.com/gbarcenasjr/Moto-Safe-App

Personal Solo Project

February 2021 – April 2021

- 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.

Healthy Retail San Francisco

San Bruno, CA

Economic Developer Intern

June 2019 – December 2019

- Managed POS records for nine local businesses using Excel, ensuring accurate financial tracking.
- Boosted profitability for two stores through data-driven analysis and strategy implementation.
- Served as a translator for Spanish-speaking clients, enhancing communication and providing an understanding of program objectives.

LEADERSHIP EXPERIENCE

Data Science Club (DSC)

Hayward, CA

Co-Founder / Officer

January 2020 – May 2022

- Expanded club membership to 130+ members by organizing engaging events, guest lectures, hands-on 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.