

Jorge Martinez Diaz

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Objective

Obtain a full-time position that will apply my knowledge in Computer Science and Biochemistry.

Education

B.S. Computer Science

Hayward, CA

B.S. Biochemistry

California State University, East Bay

Relevant Skills and Coursework

Technical: Chromatography, Gel Electrophoresis, SDS-PAGE, HPLC, Elisa, PCR, Scientific Writing, Data Structures, Design of Experiments, Analysis of Algorithms, Computer Networks, Cybersecurity

Behavioral: Leadership, Project-Management, Organizational, Communication, Bilingual

Software Skills: Excel, Java, PHP, MIPS, Python, R, C++, JavaScript, HTML, CSS, Microsoft Office, Git, GitHub, ChatGPT

Relevant Experience

Coding Instructor

Code With Us, Campbell, CA

July 2019 – Present

- Instructed students in Python, Scratch, C++, Java, HTML, CSS, and JavaScript
- Developed curriculum and engaging programming projects.

Portfolio Website Project

Jan 2023 – Dec 2023

California State University, East Bay, Hayward, CA

- Developed and designed a personal portfolio website to showcase my projects and skills.
- Link: [Portfolio \(jorgemartinez.github.io\)](https://jorgemartinez.github.io)

Maze Generator Project

Aug 2022 – Dec 2022

California State University, East Bay, Hayward, CA

- Created a Disjoint Set class then used that class to create a maze generator program.
- Link: [JorgeMartinez/maze_generator \(github.com\)](https://JorgeMartinez/maze_generator.github.com)

Biochemistry II Senior Project

Jan 2023 – May 2023

California State University, East Bay, Hayward, CA

- Conducted a project utilizing affinity chromatography and SDS-PAGE to investigate protein-protein interactions and analyze protein purity and integrity.

Biochemistry I Senior Project

Aug 2022 – Dec 2022

California State University, East Bay, Hayward, CA

- Developed an experiment involving HPLC to determine the amount of chlorogenic acid in different apple sample types.