Jorge Marinez Diaz
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EDUCATION

California State University, East Bay   **Hayward, CA**
BS in Computer Science,   *Graduation Date: May, 2024*
BS in Biochemistry

SKILLS

Languages: English (fluent) | Spanish (fluent)
Programming: C++ | Java | Python | PHP | R | MIPS | HTML | CSS | JavaScript
Software: Microsoft Office | Git | GitHub
Laboratory Techniques: Chromatography | Gel Electrophoresis | SDS-PAGE | HPLC
Data Analysis: Statistical Analysis | Data Modeling | Python-based Data Analysis
Instrumentation: Mass Spectrometry | NMR | Microscopy | Centrifugation
Biochemical Assays: Enzyme Kinetics | Protein Purification | Molecular Biology Techniques
Data Analysis Software: Python | R
Laboratory Safety: Hazardous Materials Handling | Waste Disposal | Equipment Sterilization
Teamwork and Collaboration: Effective Communication | Collaboration | Group Project Contribution
Problem-Solving: Troubleshooting | Critical Thinking | Creative Solutions
Written and Oral Communication: Presentations | Scientific Writing | Reports

RELEVANT COURSES

Data Structures & Algorithms: Developed efficient algorithms and implemented data structures in C++.
Computer Networks: Explored networking protocols and designed a client-server application using Java sockets.
Computer Architecture: Studied CPU architectures and simulated a MIPS processor.
Analysis of Algorithms: Analyzed time and space complexity of algorithms and implemented them in Python.
Website Development: Created dynamic websites using HTML, CSS, and JavaScript.
Physics for Scientists II: Conducted experiments, collected and analyzed data using statistical analysis in Python.
Organic Chemistry: Performed organic synthesis reactions and characterized compounds using spectroscopy techniques.
Cell & Molecular Biology: Studied cellular processes, performed DNA extraction, and analyzed gene expression.
Statistics and Probability for Science and Engineering: Applied statistical methods to analyze and interpret scientific data.
Numerical Algorithms and Linear Algebra for Computer Science: Implemented numerical algorithms and applied linear algebra concepts in computer science applications.

PROJECTS

Portfolio Website: Developed and designed a personal portfolio website to showcase my projects and skills.
 Link: [Portfolio (jorgemarinez.github.io)](#)

WORK EXPERIENCE

Code With Us   **Campbell, CA**
Coding Instructor   *July 2019 - Present*
- Instructed students in Python, Scratch, Java, HTML, CSS, and JavaScript.
- Developed curriculum and engaging programming projects.
- Mentored and supported students in project development.

Santa Cruz Seaside Company   **Santa Cruz, CA**
Cook   *June 2012 - June 2018*
- Prepared meals for 50+ customers daily, ensuring quality and timely service.
- Managed inventory, maintained cleanliness, and upheld food safety standards.