Matthew Arboleda
Los Angeles, California
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SKILLS
- **Languages/Frameworks: Java, Python, Flask, HTML, CSS, Javascript, React, MySQL, SQLAlchemy**
- **Restful API, Agile Methodology**, Microsoft Office, Google Workplace, Slack, Figma, Render

RELEVANT COURSEWORK
- Data Structures, Computer Organization, Math Foundations of Computer Science, Human-Computer Interaction, Computer Architecture, Practicum in Computer Science

EDUCATION
Occidental College   Expected Graduation: May 2026
- Cumulative GPA: 3.69/4.0
- Bachelor of Arts in Computer Science Major

CERTIFICATES:
- **IBM Developing Front-End Apps with React**   2025

EXPERIENCE
Teacher's Assistant, Los Angeles, CA   Feb 2025 - Current
- Graded and provided feedback for Math Foundations of Computer Science course at Occidental College

Scheduling Website, Los Angeles, CA   Aug 2024 - Dec 2024
- Led team to design a course scheduling website for Occidental Biochemistry department, enhancing inter-department communication using **Agile methodology**
- Developed front end logic and **SQLAlchemy database schema** to facilitate data transfer
- Implemented **Python Flask** to ensure functionality according to departmental needs
- Coordinated client communication to ensure website satisfied client's needs and improved quality of life

Beyond the Bell Site Staff, Los Angeles, CA   June 2022 - March 2025
Academic Tutor
- Taught and tutored students in high school subjects such as math, physical sciences, and computer science and assisted with raising grades through generating improvement plans

Robotics Mentor
- Mentored high school FIRST Robotics Competition (FRC) team, 5089 Robo-Nerds
- Educated students on **Java** basics with an emphasis in the Worcester Polytechnic Institute (WPI) Library
- Worked with students to write efficient code and research how to implement new strategies and technology to improve robot
- Guided students on community fundraising, grant applications, and presentation skills where they won the FRC Impact Award which **qualified them for the 2022-2023 and 2024-2025 FRC World Championships**

AWARDS & SCHOLARSHIPS
Occidental Honor Roll   Aug 2022- Current
- Achieved a Cumulative GPA of 3.5 or higher

Cosmos Scholar (NSF-funded scholarship program for STEM students)   June 2023- Current
- Exemplified academic talent in STEM courses

References Available on Request