Javier Medina Bueno

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Education

California Polytechnic University, San Luis Obispo   **December 2026**
Batchelor's of Science Computer Science

Oxnard College, Oxnard, CA   **May 2024**
Associate of Science, Physics and Mathematics
- Dean's List Fall 2022, Spring 2023, Fall 2023, Spring 2024
- GPA: 3.93

Skills

- Proficient in MS Word, PowerPoint, Teams, Outlook
- Ability to teach others and use different learning techniques
- Bilingual in Spanish and English
- CRLA Certified Tutor
- Experience using LulzBot 3D printers and Shapr3D to create 3D models
- Capable of using Visual Studio and online GDB to debug code in C++

Experience

UCSB Smithsonian / ¡ERES! SUMMER Program (STRI)   **July - August 2024**
- Conducted field research in Panama, collecting and analyzing ecological data on bird species and environmental factors.
- Imported, cleaned, and analyzed field data using RStudio Posit Cloud to address specific research questions related to biodiversity.
- Developed map-based visualizations and spatial data representations using RStudio Posit Cloud for environmental research.
- Built strong networking skills through professional interactions with staff, peers, and the broader scientific community.

Tutor, Oxnard College STEM   **January – May 2024**
- Tutored and mentored students in subjects including Computer Science, Calculus, Physics, and Chemistry.
- Increased student comprehension by utilizing personalized teaching methods and adapting to individual learning styles.
- Collaborated with fellow tutors to develop effective strategies for addressing diverse student needs and abilities.

ESTEEM– NSF funded research at Oxnard College   **June 2023**
- Conducted a comprehensive two-week research program during the summer of 2023, focusing on the spectroscopic analysis of organic and inorganic strawberries to differentiate between them based on their unique wavelengths.
- Presented research findings through a well-organized and engaging presentation, honing public speaking and presentation skills.