

Kenia Velasco

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Citizenship: United States of America and Mexico

EDUCATION

California State Polytechnic University, Pomona

Expected Graduation: May 2026

Bachelor of Science in Computer Science

GPA: 3.97

- **Relevant Coursework:** Data Structures and Algorithms (Java), Formal Languages and Automata (Java), AI (Java & Python), CodePath Web Development, CodePath ICP

TECHNICAL SKILLS

Programming Languages: Proficient in Java, HTML, CSS, Intermediate in JavaScript REACT, and Intermediate in Python

Operating Systems: Unix and Windows

WORK EXPERIENCE

Computer Science Counselor | Cal Poly Pomona Discovery Camps

June 2024 - Present

- Taught Object-Oriented Java programming, 3D modeling, mobile game development, and 3D animation through developed lesson plans to diverse groups of young students to encourage students in STEM.
- Resolved technical issues, including coding challenges, Wi-Fi connectivity, software functionality, and occasional hardware problems using problem-solving to ensure a seamless learning experience for participants.

PROJECTS

Team Lead | Social App | sheCodes Cal Poly Pomona

August 2024 - November 2024

- Led a student team in developing a social app designed to promote intentional, long-form communication among college students, incorporating a friend compatibility algorithm.
- Managed project logistics (GitHub, Figma, task tracking), facilitated weekly team meetings, and implemented one-on-one check-ins to support team well-being and productivity.
- Advocated for inclusive, accessible design throughout development; selected as next Internal Vice President of sheCodes to lead future cohorts based on leadership performance.

Cat vs Dog Image Classification

April 2024 - May 2024

- Collaborated with a partner to design and implement an image categorizer in Python, utilizing TensorFlow and deep learning networks to build and train a neural network model for classifying cat vs. dog images.
- Led the development of model training and optimization, achieving accurate image classification results, while effectively managing project timelines and fostering teamwork throughout the process.

Website Developer | Codepath Web Development Course

February 2024 - May 2024

- Conceptualized a comprehensive advocacy website addressing climate change through gardening initiatives, utilizing HTML, CSS, JavaScript, and React to advocate for native gardening.

LEADERSHIP + EXTRACURRICULARS

NSF SPIRES Research Scholar | [National Science Society](#)

August 2024 - Present

- Engaged in research with Dr. Ting Ting Chen on machine learning applications for Mobility Scooters, driving improvements in autonomous riding safety assessments.
- Contributing as part of a mobile development team, enhancing user experience by refining video labeling for AI categorization, finalizing app functions such as chat systems, and implementing distributed systems to improve efficiency.

Internal Vice President | Previous PR Chair | [CPP sheCodes \(ACM-W Chapter\)](#)

July 2023 - Present

- Overseeing two flagship programs: Semester-Long Projects (50+ participants/term) and Future Women Developers, a tech outreach event for high school girls; manage logistics, recruitment, and inclusive engagement strategy to foster community and representation in tech.

Scholar | [STEM Advantage](#)

October 2023 - Present

- Cultivated mentorship relationship with a STEM industry professional with biweekly touch-base
- Participated in professional development workshops and industry career panels