STEFFANIE **LOPEZ**

(707) 321-2924 | [Email](#) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

Teacher turned software engineer. Leveraging my experience in education, I bring a unique perspective to my team, enabling me to tackle problems and design solutions that optimize learning experiences, streamline processes, and enhance accessibility to all users.

LANGUAGES	FRAMEWORKS	TOOLS/PLATFORMS	DEPLOYMENT/ DATABASE
Java	React / React Native	Git / Github	PostgreSQL
Python	Bootstrap	Chrome DevTools	Heroku
JavaScript	Jest	Postman	Github Pages
CSS / CSS in JS	jQuery	Firebase	Itch.io
HTML5	Flask	AWS	DynamoDB
C#	Node	RESTful APIs	
Swift		Unity	
SQL			

EXPERIENCE

SOFTWARE DEVELOPER ENGINEERING INTERN [AMAZON](#)   FEB 2023 - JULY 2023

- Contributed to the development and implementation of a design for optimizing inventory management in Amazon Fresh/Amazon Go grocery stores
- Conducted comprehensive analysis, streamlined processes, and enhanced software performance through scalable and efficient solutions
- Collaborated with senior engineers to test and debug software applications, ensuring high-quality deliverables and adherence to coding standards
- Assisted in the documentation of software designs, technical specifications, and user guides to ensure effective knowledge transfer and maintain system documentation
- Designed a library and updated documentation to improve user-friendliness and provide information on features and implementation, ensuring seamless implementation for current and future clients
- Actively participated in the development process and followed Sprint workflow practices, including involvement in operations, planning, daily standups, and retrospectives

MIDDLE SCHOOL MATH TEACHER [CALIFORNIA VIRTUAL ACADEMIES](#)   AUG 2020 - MAY 2022

- Delivered engaging and interactive virtual math lessons to middle school students, employing innovative teaching methods and technologies
- Collaborated with fellow teachers to develop and implement curriculum aligned with state standards, fostering students' critical thinking and problem-solving skills
- Integrated social emotional learning into daily lessons, promoting students' self-awareness, empathy, and positive relationships
- Established effective communication channels with parents, providing regular updates on student progress and addressing concerns promptly
- Collaborated with administration and fellow teachers to develop and implement school-wide initiatives, such as virtual parent-teacher conferences and student support programs
- Utilized various online learning platforms and tools, such as learning management systems and video conferencing platforms, to facilitate virtual instruction and engage students in collaborative activities
- Leveraged data-driven insights to inform instructional decisions and personalized interventions, leading to noticeable academic growth and confidence among students
- Embraced the role of a technology integration leader in the education community, sharing best practices and innovative approaches to leverage software tools for improved math instruction, ultimately positively impacting the professional growth and pedagogical practices of fellow educators

ASSISTANT MANAGER [COASTAL PEAKS COFFEE](#)   AUG 2016 - AUG 2020

- Developed and managed employee schedules, ensuring adequate coverage while optimizing labor costs and maintaining customer service standards
- Oversaw day-to-day operations, including staff supervision, training, and development

- Conducted inventory analysis and coordinated with suppliers to ensure timely ordering of coffee beans, supplies, and other inventory items
- Streamlined and optimized workflow on the floor to enhance customer service and increase operational efficiency

PROJECTS

GNOME-AGOTCHI C#, UNITY, ITCH.IO, AESPRITE | [DEMO](#) | [GITHUB](#)

Developed a virtual pet simulator video game using Unity and C# to provide an interactive way for users to manage their emotions. Integrated a user interface that plays a critical role in the overall player experience, utilizing seamless and organized presentation.

INSPIRATION BOARD PYTHON, REACT, JAVASCRIPT, HTML, CSS, POSTGRESQL, HEROKU | [DEMO](#) | [GITHUB](#)

Collaborated in a 4-person team to design and create an interactive web application that enables users to post inspirational messages to a board owned by multiple individuals. Led the front-end design and development of a React-based web application, utilizing Props and Hooks to implement user interface.

EDUCATION

ADA DEVELOPERS ACADEMY FULL STACK WEB DEVELOPMENT

An 11-month, highly selective and rigorous full-stack software development training program for women and gender expansive individuals. Curriculum covers Agile Methodologies and Computer Science Fundamentals with 2000+ learning hours and a 5-month internship.

WESTERN GOVERNORS UNIVERSITY ELEMENTARY EDUCATION

Successfully completed a rigorous and comprehensive program at Western Governors University, earning a Bachelor of Arts in Elementary Education and a teaching credential. Acquired an extensive understanding of pedagogical principles, effective instructional strategies, and adept classroom management techniques.

CALIFORNIA POLYTECHNIC UNIVERSITY ARCHITECTURAL ENGINEERING

Progressed through 115 credits in pursuit of a highly competitive Bachelor of Science in Architectural Engineering, acquiring a robust knowledge base in structural ddesign, building systems, and sustainable architecture. Engaged in a rigorous program that prioritized hands-on experience, collaborative design projects, and the integration of engineering principles with architectural aesthetics, fostering practical applications in real-world scenarios.

CREDENTIALS

CALIFORNIA COMMISSION ON TEACHER CREDENTIALING SINGLE SUBJECT TEACHING CREDENTIAL - MATH

CALIFORNIA COMMISSION ON TEACHER CREDENTIALING MULTIPLE SUBJECT TEACHING CREDENTIAL