Amanda Yu

510-541-2420 • amandayu255@gmail.com • LinkedIn • GitHub

EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly) – San Luis Obispo, CA   June 2026
Bachelor of Science in Computer Science

Cornell University   May - August 2024
Machine Learning Foundations Certificate, Break Through Tech AI

Relevant Coursework: Data Structures, OOP, Discrete Structures, Algorithms, Systems Programming, Database Systems, Software Engineering

SKILLS & CERTIFICATIONS

- **Skills**: Python, Java, Kotlin, JavaScript, React, SQL, TensorFlow, PyTorch, MongoDB, Linux, GitHub, Git, Visual Studio Code, Android Studio, Microsoft Office, Microsoft Excel, Slack, G-suite
- **Certifications**: CodePath Cybersecurity 101, Web Development 101, Android Development 101

EXPERIENCE

Google AI Studio Intern, Break Through Tech AI   August 2024 – Present
- Develop a machine learning model that suggests relevant search queries to users based on their current search term and their past search history

Capital One Program Participant, Tech Mini Mester   July 2024 - Aug 2024
- 1 out of 70 exclusively selected to participate in a 5-day immersive experience to enhance technical and soft skills
- Built a CLI-Based Coding Project in 24 hours and presented in front of Capital One leadership
- Participated in a progressive learning experience that involved workshops around Node, NPM, Javascript, and more
- Connected with 8+ Capital One Senior Leadership members and 50+ Capital One Software Engineers to hear about the diversity in technology and key tips on how to break into the space

LEADERSHIP EXPERIENCE

Fellow, Break Through Tech AI   May 2024 – Present
- Selected from 3000+ applicants for Break Through Tech AI, a year-long fellowship program designed to support women and other underrepresented people in AI, ML, and Data Science
- Contributed towards 12-month long program including Machine Learning Certificate with Cornell faculty, experiential learning experiences, and mentorship from industry professionals

PROJECTS

Recipe Management Database System - Full Stack Developer   GitHub
- Designed and developed a relational database system for organizing recipes, ingredients, cooking methods, and grocery shopping details, enhancing meal planning and preparation
- Implemented a user-friendly frontend using React.js, allowing users to interact with the database to discover recipes, track ingredients, and manage nutrition information
- Collaborated with peers to ensure seamless integration between the frontend and backend, enhancing overall system functionality and user experience
- Utilized: React, MySQL, Node.js, GitHub