

JACOB SHAHATIT

(909) 936-0353 ◇ Jshahatit@berkeley.edu ◇ JacobShahatit.com

EDUCATION

University Of California, Berkeley	<i>Expected Graduation 2027</i>
RC Scholar(Top 2%), BA in Computer Science, Courses: CS61A, CS61B, EECS16A, MATH1B	
CIEE Global Institute Japanese Language and Culture Study Abroad	<i>June 2023 - July 2023</i>
CIEE Global Institute Spanish Language and Culture Study Abroad	<i>June 2022 - July 2022</i>

TECHNICAL KNOWLEDGE

Languages	Python, Typescript, nodejs, React
Developer Tools	Flask, PostgreSQL, AWS, Docker, Linux

WORK EXPERIENCE

Portal Inc <i>TypeScript, Prisma, React, Vite, Node</i> <i>Software Engineer Intern</i>	Feb 2025 – Present
<ul style="list-style-type: none">• Developed a decentralized fintech application that showcased stablecoins and Portal's MPC wallet infrastructure.	
Neurotech@Berkeley <i>Python, Matplotlib, NumPy, SciPy</i> <i>Software Engineer</i>	Feb 2025 – Present
<ul style="list-style-type: none">• Integrated EEG technology to analyze brainwave data and detect emotional states.	
Berkeley Mobile <i>TypeScript, React Native, Node.js, Puppeteer, Python</i> <i>Mobile Developer</i>	Feb 2025 – Present
<ul style="list-style-type: none">• Developing 5+ web scrapers to automate hourly updates for dining menus, gym occupancy, and facility hours.• Enhancing UI/UX for 50,000+ students by improving campus navigation, restructuring menus, optimizing load times, increasing usability, and engagement.	
Gajo Inc <i>Python, Excel, SQL</i> <i>User Behavior Analyst</i>	Apr 2020 – Aug 2020
<ul style="list-style-type: none">• Analyzed social media interactions to identify trends in Gen Z behavior, optimizing content strategy and increasing user engagement.	

PERSONAL PROJECTS

SignVisionTranslator <i>Swift, Vision Framework, CoreML, TensorFlow</i>
Developed a sign language translation app using Apple's Vision Framework for hand pose detection and CoreML for gesture recognition from static images to translate gestures into text on-device.
Lecture Agent <i>Python, Flask, Postgresql, Whisper, Vercel, Next.js, OpenAI - 2nd Place Fetch AI YHacks</i>
Led backend development to automate lecture creation from PDF slides using Fetch.ai agents for text extraction, script generation, and speech. Built workflows for parsing slides and managing data in real-time.
Cloud-Backed Tic-Tac-Toe <i>Python, AWS (S3, DynamoDB), Amazon Q</i>
Developed a Python-based Tic-Tac-Toe game with AWS services for cloud-backed moves and AI-driven automation via Amazon Q. Designed a sleek UI, enabled dynamic cloud interactions, and automated resource management.

ACHIEVEMENTS

Yale Hacks - 2nd place FetchAI Challenge
AmazonQ Game Development Hackathon
Blockchain @ Citrus Founder
The Rotary Club of Redlands Scholarship - Donald C. Anderson
Y Combinator - Applied to YC with QuickPas, an automated school security and efficiency system.

EXTRA-CIRRICULAR

Combat Robotics At Berkeley - Lead Engineer
Berk1337(Cybersecurity club) Officer
Surfing, kayaking, swimming, soccer, running, and hiking