

# JACOB SHAHATIT

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

## EDUCATION

<b>University Of California, Berkeley</b>	<i>Expected May 2027</i>
BA: Computer Science, Regents Scholar(Top 2%)	
Coursework: Programming, Data Structures, Architecture, Discrete Math, Linear Algebra	
<b>CIEE Global Institute Japanese Language and Culture Study Abroad</b>	<i>June 2023 - July 2023</i>
<b>CIEE Global Institute Spanish Language and Culture Study Abroad</b>	<i>June 2022 - July 2022</i>

## WORK EXPERIENCE

<b>eNano</b> <i>Python, Swift, Firebase, CoreLocation</i>	May 2025 – August 2025
<i>Software Engineer Intern</i>	
• <b>Built the app's Bluetooth infrastructure</b> from the ground up and integrated NanoTag devices for seamless real-time interaction.	
<b>Portal Inc</b> <i>TypeScript, Prisma, React, Vite, Node</i>	Feb 2025 – May 2025
<i>Software Engineer Intern</i>	
• <b>Developed a fintech application</b> that showcased stablecoins and Portal's MPC wallet infrastructure.	
<b>Neurotech@Berkeley</b> <i>Python, Matplotlib, NumPy, SciPy</i>	Feb 2025 – Present
<i>Software Engineer</i>	
• <b>Integrated EEG technology</b> to analyze brainwave data and detect emotional states.	
<i>Project Manager (Consultant for Power Kinextics)</i>	
• <b>Evaluated and documented</b> Power Kinextics' legacy Windows application and <b>led planning discussions</b> for a modern UI/UX redesign.	
<b>CS Ed RD Lab, UC Berkeley</b> <i>Python, React, Gmail/Twilio APIs</i>	Sep 2025 – Present
• <b>Developed and integrated AutoRemind</b> into GradeView, enabling personalized student notifications via email, text, and Discord, including assignment-specific resources and reminders for students.	
<b>Berkeley Mobile</b> <i>TypeScript, React Native, Node.js, Puppeteer, Python</i>	Feb 2025 – Present
<i>Mobile Developer</i>	
• <b>Enhancing UI/UX for 50,000+ students</b> by improving campus navigation, restructuring menus, optimizing load times, increasing usability, and engagement.	

## PERSONAL PROJECTS

<b>Labyrinth</b> <i>TypeScript, React, Vercel, Supabase</i>
Built an AI-assisted research visualization tool with mind map integration (HackMIT 2025).
<b>HiddenBlade</b> <i>Arduino, Onshape, Bambu Studio</i>
Connected EMG gesture data to a mechanical actuator, enabling gesture-controlled blade deployment.
<b>SignVisionTranslator</b> <i>Swift, Vision Framework, CoreML, TensorFlow</i>
Developed a sign language translation app using hand pose detection and on-device ML.
<b>Lecture Agent</b> <i>Python, Flask, Postgresql, Whisper, Vercel, Next.js, OpenAI - 2nd Place Fetch AI YHacks</i>
Automated lecture creation from slides with AI-driven text extraction, script generation, and narration.

## TECHNICAL KNOWLEDGE

<b>Languages</b>	Python, Java, TypeScript, JavaScript, C, SQL, HTML/CSS
<b>Frameworks</b>	PyTorch, NumPy, Pandas, React, Node.js, Flask, Express.js, Next.js
<b>Developer Tools</b>	PostgreSQL, AWS, Docker, Git, Linux, Figma, Firebase

## ACHIEVEMENTS

<b>Yale Hacks</b> - 2nd place FetchAI Challenge
<b>Blockchain @ Citrus</b> Founder
<b>The Rotary Club of Redlands Scholarship</b> - Donald C. Anderson

## EXTRA-CIRRICULAR

Combat Robotics at Berkeley – Lead Engineer; Berk1337 (Cybersecurity club) – Officer;
---