JACOB SHAHATIT

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EDUCATION

University Of California, Berkeley *Expected Graduation 2027*
Regents and Chancellors Scholar(Top 2%), Bachelor of Arts in Computer Science

CIEE Global Institute *June 2023 - July 2023*
Japanese Language and Culture Study Abroad

CIEE Global Institute *June 2022 - July 2022*
Spanish Language and Culture Study Abroad

TECHNICAL KNOWLEDGE

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

WORK EXPERIENCE

Gajo Inc April 2020 - August 2020
User Behavior Analyst
· Conducted data-driven analyses of social media trends, providing actionable insights into Gen Z behavior.
· Improved marketing strategies by identifying patterns in user preferences and engagement.

PERSONAL PROJECTS

Lecture Agent *Python, Flask, Postgresql, Whisper, Vercel, Next.js, OpenAI - 2nd Place Fetch AI YHacks*
Led backend development to automate lecture creation from PDF slides using Fetch.ai agents for text extraction, script generation, and speech synthesis. Built robust workflows for parsing slides and managing data asynchronously for real-time processing.

Cloud-Backed Tic-Tac-Toe *Python, AWS (S3, DynamoDB), Amazon Q*
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.

DASS Assesement *Python, Pandas, Google Form*
Engineered a mental health assessment tool that ingests Google Form responses, quantifies severity across stress, depression, and anxiety based on the DASS scale, and programmatically delivers targeted resources for symptom management. Leveraged data processing with Python to automate insights

Image Caption Generator *Python, HTML, CSS, Flask, OpenAI*
Built a Flask-based application to generate Instagram-style captions using OpenAI API, featuring local image uploads and a user-friendly interface

Autocomplete *Python, Jupyter*
Developed an auto-complete engine using tries. Generated real- time predictions in both contemporary and Shakespearean English

ACHIEVEMENTS

Yale Hacks - 2nd place FetchAI Challenge
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-CIRRUCULAR

Combat Robotics At Berkeley - Lead Engineer
Berk1337 Member
Surfing, kayaking, swimming, soccer, running, and hiking