

# JACOB SHAHATIT

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## EDUCATION

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### University Of California, Berkeley

Regents and Chancellors Scholar, Bachelor of Arts in Computer Science

*Expected Graduation 2027*

### CIEE Global Institute

Japanese Language and Culture Study Abroad

*June 2023 - July 2023*

### CIEE Global Institute

Spanish Language and Culture Study Abroad

*June 2022 - July 2022*

## TECHNICAL KNOWLEDGE

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**Languages** Python, Typescript, nodejs, React

**Developer Tools** AWS, docker, Linux

## WORK EXPERIENCE

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### Gajo Inc

*User Behavior Analyst*

April 2020 - August 2020

- Specialized in user research. Meticulously gathered and analyzed social media data to derive insights into Gen Z behavior and inclinations.

## PERSONAL PROJECTS

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### DASS Asseesment *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

### 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.

### Image Caption Generator *Python, HTML, CSS*

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

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**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-CIRRUCLAR

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Combat Robotics At Berkeley - Lead Engineer

Berk1337 Member

Surfing, kayaking, swimming, soccer, running, and hiking