Yash Patil

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EDUCATION

Stanford University, Pursuing a B.S. in Computer Science   2021 - 2025

EXPERIENCE

Software Engineering Intern — **bit.io**   June 2021 - Present
- Bit.io is building software to store, query, and share data securely and reliably
- Implemented visualization into bit.io's PostgreSQL data repositories
- Created bots to crawl Reddit and Twitter and auto-share bit.io repos in order to boost growth

Co-founder & Software Engineer — **Helping Hands Community**   Mar 2020 - May 2021
- Helping Hands is a tech nonprofit that streamlines how essential groceries are delivered at scale. Food banks and social service organizations can fulfill deliveries via volunteers and ride-share drivers, en masse and on demand
- Built first iteration of the platform (React), backend infrastructure (Node.js + Firebase), and developed integration partnerships with logistics providers like Uber, Lyft, and Axlehire
- Over 500,000 meals delivered as of 03/01/2021 in 50 states

Grid Modeling Researcher — **The Webber Energy Group at UT Austin**   Aug 2019 - May 2021
- Created digital models of Texas's electric grid to simulate economic dispatch, power transmission, and capacity expansion
- Developed a data aggregation pipeline to store, track, and compare model output (Django + PostgreSQL)

Software Engineering Intern — **Pei**   May 2019 - Aug 2019
- Pei is a FinTech startup developing tech to apply automatic cashback with partner merchants
- Developed a referral program, friend system, and features to dispute missing or incorrect transactions

Software Engineering Intern — **Pei**   June 2018 - Aug 2018
- Created a web based interface to display user analytics and consumer insights

PROJECTS

Echo — (getecho.app)
- App that lets any user start their own short-form podcast series.
- Boosted growth by creating web scrapers to cold-email Instagram and Twitter influencers

Ecuisina — (ecuisina.com)
- Trading platform for users to barter home-cooked foods and experience authentic cuisines locally and affordably.

Gimme SMS — (gimmesms.com)
- Service that lets users without cellular data plans access the web through SMS texting.
- Implemented functionality for turn-by-turn directions, address locations, and weather information.

HeyStay
- HeyStay allows RV campers to rent parking and household amenities on people's private property. Airbnb for RVs.

SKILLS

Programming Languages: Java, Javascript, Node.js, Python, C++, HTML/CSS
Tools: React/React Native, Firebase, Git, Twilio, SQL, Google APIs, Django
Miscellaneous: 3D printing, Arduino, UNIX, Web scraping