Yash Patil

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EDUCATION

Stanford University - B.S Computer Science　　　　　　　　　　　　　　　**2021 − 2025**
- **Relevant Courses**: Programming Abstractions, Computer Graphics, Linear Algebra, Multivar Calc, Bare-metal Systems, Computational Probability, Discrete Math, Cloud Computing, AI Principles

EXPERIENCE

Co-Founder - **Armadillo Labs**　　　　　　　　　　　　　　**Summer 2022 - Present**
- Building end-to-end ML powered site optimizations for e-commerce storefronts

Software Engineering Intern - **Actively AI**　　　　　　　　　　**Feb 2022 - May 2022**
- Enabling every knowledge worker to be a data scientist with no-code AI tooling

Software Engineering Intern - **Bit.io**　　　　　　　　　　　　**Summer 2021**
- Bit.io is building software to store, query, and share data securely and reliably
- Implemented real-time query support (via WebSockets), column statistics, and query-driven plotting
- Developed Reddit and Twitter bots to auto-share relevant data repositories based on post keywords

Co-founder - **Helping Hands**　　　　　　　　　　　　　**Mar 2020 - May 2021**
- Helping Hands 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 the first iteration of the user platform, scaled the engineering team to over 15, and partnered with logistics providers (Uber, Lyft, and Axlehire)
- Over 2,000,000 meals delivered across all 50 states

Grid Modeling Researcher - **The Webber Energy Group at UT Austin**　　**Aug 2019 - May 2021**
- Modeled Texas's electric grid to simulate generator dispatch, power transmission, and capacity expansion
- Developed a data aggregation pipeline to store, track, and compare model outputs across runs

Software Engineering Intern - **Pei (acq by. Flex Financial)**　　**Summer 2019, Summer 2018**
- Pei is a FinTech startup developing tech to apply automatic cashback with partner merchants
- Developed a referral program, analytics console, and features to dispute missing or incorrect transactions

EXTRACURRICULAR

Director - **TreeHacks (Stanford's annual Hackathon)**　　　　　　　**2021 - Present**
- Directed one of the largest hackathons in the nation (also Stanford's largest student run event).

PROJECTS

Life notes - Using large language models to create meaningful stories from all of your social inputs

GimmeSMS - **gimmesms.com** - Users without cellular data plans access the web through SMS texting

Echo - **getecho.app** - Start your own 5-minute short-form podcast

Ecuisina - **ecuisina.com** - A platform for neighbors to barter home-cooked foods locally and affordably

StannyEats - **stannyeats.live** - Vote on which dining halls that have the best food for each meal

StanfordSocial - **stanfordsocial.com** - Interest based pairings for students. Get $5 for coffee each week

ClassCollab - **classcollab.net** - See who's in your classes and create texting group chats with one click

NewReads - **newreads.xyz** - Easily share your web reading list along with your thoughts about each read

Nomo - **getnomo.info** - See events happening on campus and who's going

Thordle - **thordle.web.app** - A wordle clone. Built for a TreeHacks React workshop I ran!

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, Java, SQL, HTML/CSS
Technologies/Frameworks: ReactJS, React Native, Firebase, Django, NodeJS, AWS, GCP, GitHub