YASH PATIL

✉ yash.s.patil125@gmail.com   in yash-s-patil   ○ ypat125   ⊕ yashpatil.me

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

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 700,000 meals delivered (as of 08/01/2021) 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**
- Sponsorship co-director. Organized one of the largest hackathons in the nation (also Stanford's largest student run event).

PROJECTS

Life notes - Using NLP to create meaningful from all of your social inputs (photos, videos, emails, etc)
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