

# YASH PATIL

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## EDUCATION

**Stanford University** - B.S Computer Science **2021 – 2025**

- **Relevant Courses:** Programming Abstractions, CS 44N, Linear Algebra, Multi variable Calculus, Computer Systems, Computational Probability, NLP

## EXPERIENCE

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, visualization for column statistics, and query-driven plotting and graphing
- Created Reddit and Twitter bots to auto-share relevant bit.io 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, helped scaled the engineering team to over 15, and developed API integrations with logistics partners (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**

- Designed 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 outputs across runs

Software Engineering Intern - **Pei** **Summer 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** **Summer 2018**

- Created a web-based interface to display user analytics and consumer insights
- Implemented database cleaning scripts and a web app to allow ops to easily fix database inconsistencies

## PROJECTS

Nomo - **getnomo.info**

- An app that lets Stanford students see events happening on campus, recommends events based on user preferences, and allows them to RSVP and add events to their calendar in one click
- Event information is scraped hourly from thousands of email lists and condensed into app-readable formats using NLP parsing techniques

Echo - **getecho.app**

- Lets anybody start their own 5-minute short-form podcast

Ecuisina - **ecuisina.com**

- A trading platform for neighbors to barter home-cooked foods and experience authentic cuisines locally and affordably

GimmeSMS - **gimmesms.com**

- A service that allows users without cellular data plans access web information through SMS texting

HeyStay

- An app for RV campers to rent parking and household amenities on people's private property (Airbnb for RV camping spots)

## EXTRACURRICULAR

Hackathon Organizer - **TreeHacks (Stanford's annual Hackathon)** **2021 - Present**

- Sponsorship team. Raised 34k from company sponsors

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, C++, Java, SQL, HTML/CSS

**Technologies/Frameworks:** ReactJS, React Native, Firebase, Django, NodeJS, AWS, GCP, GitHub