

# Yash Dani

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## Education

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### University of Waterloo

2019 – 2024

- Bachelor of Software Engineering (GPA: 3.7/4.0)

## Skills

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**Languages:** JavaScript, Python, C++, C, Ruby, Go, SQL

**Frameworks:** React, Express, Node.js, Flask, Ruby on Rails, TensorFlow, PyTorch

**Tools:** Google Cloud Platform, AWS, MongoDB, Figma, Git

## Experience

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### Software Engineer Intern | Shareworks by Morgan Stanley

Jan 2021 – Apr 2021

- Platform Architecture Team

### Software Engineer Intern | conversationHEALTH

May 2020 – Aug 2020

- Engineered a **React** and **Flask** web app **saving \$30,000 per year** by automating common data generation processes
- Built a **React** and **Express** app that provides real-time machine learning analytics, helping improve NLP model accuracy from 50% to 80%
- Deployed 2 mission critical APIs using Google Cloud Endpoints authentication, handling **10,000+ daily requests** using **Node.js**
- Developed a medical data pipeline **saving 80+ hours** of overhead using **JavaScript & SQL**

### Software Engineer Intern | Jelly Labs (YC)

Apr 2020 – Aug 2020

- Designed and deployed a **Flask** server to convert PDF files into structured data, capable of handling **100,000+ daily requests** using Python & **JavaScript**
- Developed a web-based code-editor with multi-language support using **React** and **Ruby on Rails**

## Projects

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**tl;dr Papers** | React, Flask, Heroku, HTML/CSS

- Built a web app with **11,000 monthly users** built using a **Flask** RESTful server
- Developed a front-end using **React** and designed using Figma
- Finetuned GPT-3 model to summarize scientific papers in simple English

**GPT-3 for Finance** | GPT-3, Python, AWS

- **Featured on Hacker News & infoQ**
- Developed a tool that generates complex financial statements using natural language as input
- Designed a server that utilizes GPT-3 and Google Sheets APIs to create balance sheets

**Scholarize** | Express, React, HTML/CSS

- Designed and developed a CRUD app for using **Express** and **React**
- Developed a community of 500+ scientists who use the web app to find work during the pandemic
- Worked alongside startups from **Y Combinator**

## Community

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- **OpenAI** – Developer Community Ambassador helping 20+ startups integrate AI into their products
- **ToHacks** – Participant Coordinator Lead for 1,000+ hackathon attendees over 5 events

## Interests

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Marathon Running, Singing, Startups, Guitar, Coffee