

Sayan Chaudhry

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Education

**School of Computer Science,
Carnegie Mellon University**
Master of Science
Computer Science, May 2021

Teaching:

- Great Ideas in Technical Interviews & Coding Screens
- Great Ideas in Theoretical Computer Science (Head TA)

**School of Computer Science,
Carnegie Mellon University**
Bachelor of Science
Computer Science, May 2020

GPA: 4.0 (University Honors)

Additional Minors:

Human-Computer Interaction
Business Administration

Relevant Coursework:

- Fairness, Accountability, Transparency, & Ethics in Sociotechnical Systems
- Persuasive Design
- Artificial Intelligence Methods for Social Good
- A Theorist's Toolkit
- Database Systems

Activities

ScottyLabs

Director

TartanHacks

Lead Organizer

CMU Entrepreneurship Fair

Lead Organizer

Skills

Languages:

Python · JavaScript/TypeScript · C/C++ · Swift · SML

Frameworks:

FastAPI · Next.js · React

Technologies:

AWS · Postman · Figma · MongoDB · PostgreSQL

Work Experience

Actively · Product Engineering Lead

February 2023 - current

- Led the development of *Actively Intelligence*, a multi-agent system that performs best-in-class account research for GTM teams (and countless other 0 → 1 projects)
- Joined as engineer #1 and grew team to 20 product and forward deployed engineers
- Helped the world's most ambitious like Ramp, Ironclad, and Dialpad grow even faster

Scale AI · Product Engineer

June 2022 - January 2023

- Worked on Scale Rapid and developed features such as custom courses and context attachments to improve quality of labelled tasks which have seen quick organic adoption
- Led cross-organization initiatives to reduce p99 latency for various endpoints by leveraging fundamental concepts like lazy loading of non-critical resources, parallelism, and indexing

Lyft · Software Engineer

July 2021 - June 2022

- As part of the Support XP team, built automations to improve quality of support offered and boost OKRs such as driver retention and customer satisfaction
- Led team of 5 engineers to develop a declarative engine for surfacing surveys to users

Postman · Software Engineering Consultant

June 2020 - August 2020

- Created educational content for webinars to teach high school and college students about API development and testing as part of the Developer Relations team

Selected Projects

No Duckling is Ugly · PennApps Fall 2018

- Developed a scalable IoT system to tackle the problem of bullying in schools by conducting sentiment analysis and voice model recognition using a RESTful API for CRUD operations
- The project won the Best Education Hack and the Best IoT Hack awards at the hackathon

VideoLingo · HackCMU 2017

- Created a desktop platform in Python that helps users learn new languages by using community translated YouTube closed captions with a 4-member team
- The project was named the 'Most Likely to be the Next Million Dollar Startup'

Bhasha Technologies · BharatHacks 2017

- Developed an accessibility solution in Python with a 4-member team to translate and dub the audio track of any YouTube video into Indian regional languages in real time
- The project won the first prize and is part of IBM's Global Entrepreneur network

Research and Publications

Design Patterns of Investing Apps and Their Effects on Investing Behaviors

Author with Chinmay Kulkarni, Designing Interactive Systems Conference 2021

Data Management Device to Enhance Cellular Connectivity in Rural Areas (Patent Pending)

Awardee, Dr APJ Abdul Kalam IGNITE Award 2016 by National Innovation Foundation

Computation Model for Profiling of Antimicrobial Resistance in *N. gonorrhoeae*

National Finalist, Intel IRIS National Science Fair

Awards and Honors

- *Senior Leadership Recognition 2020 Recipient*, Carnegie Mellon University
- *Winner*, Google Tech Challenge Pittsburgh
- *International Rank 1*, National Cyber Olympiad 2015 (held in 22 countries)