

**School of Computer Science,  
Carnegie Mellon University**  
*Master of Science*  
Computer Science, August 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

*Languages:*

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

*Frameworks and Tools:*

Flask · React · SQL · Git · LaTeX · Postman · Figma

**ScottyLabs**  
Director

**TartanHacks**  
Lead Organizer

**CMU Entrepreneurship Fair**  
Lead Organizer

**Lyft** · Software Engineering Intern

June 2020 - July 2020

- Worked on the Business Concierge team to tackle excess mileage fraud and improve OKRs such as organization trust and driver experience and rider safety
- Made backend and frontend changes to enable dispatchers to modify destination for riders

**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
- Designed a scavenger hunt and automated system using Google Sheets API for certifying prospective Postman Student Experts

**Yelp** · Software Engineering Intern

May 2019 - August 2019

- Led web team to introduce portfolios for businesses as a direct monetization feature to highlight their distinctive products and increase CTRs
- Worked on migrating business pages to React from Cheetah templates by extracting all features into their own reusable components as part of the Core Experience team

**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

**ezxkcd** · PennApps Winter 2018

- Created a media recommendation algorithm using sentiment analysis that suggests xkcd comics by recognizing the user's current mood using OpenCV with a 3-member team
- The project was among the top 30 hacks 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

**Novel Defense Against Code Theft Using Properties of Fibonacci Series**

*Presenter, SIGBOVIK 2019*

**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*

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