

# Sayan Chaudhry

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## Education

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

*Additional Minors:*  
Human-Computer Interaction  
Business Administration

QPA: 4.0 (Dean's List)

*Relevant Coursework:*

- Operating System Design and Implementation\*
- Introduction to Computer Systems
- Parallel and Sequential Data Structures and Algorithms
- Introduction to Machine Learning
- Designing Human Centered Software

## Skills

*Programming and Scripting:*  
Python · C/C++ · SML · React ·  
Swift · Java

*Technologies and Frameworks:*  
Linux · Git · TensorFlow · SQL ·  
MongoDB · OpenCV ·  
RESTful APIs

## Activities

**Great Ideas in Theoretical  
Computer Science**  
Teaching Assistant

**ScottyLabs**  
Director

**TartanHacks**  
Lead Organizer

## Work Experience

**Yelp** · Software Engineering Intern *May 2019 - August 2019*

- Introduced portfolios on the web as a way for businesses to highlight their distinctive products
- 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

**PreCog Research Lab** · Summer Research Intern *May 2018 - July 2018*

- Used TensorFlow and MLKit to identify and analyze dangerous selfies on social media as part of the #Killfie project under Prof. Ponnurangam Kumaraguru
- Developed an Android app to detect unsafe selfie taking behavior and warn users in real time

**Language Technologies Institute** · Research Assistant *February 2018 - May 2018*

- Extracted tabular data from WWW pages to help build a new web-browsing modality for the blind as part of the SayHear project
- Wrote MySQL queries to train ML algorithms how to extract relevant information from parsed tables

## Selected Projects