

# Anushka Saxena

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## Education

### Carnegie Mellon University

Pittsburgh, Pennsylvania

Bachelor of Science in Electrical and Computer Engineering, Minor in Machine Learning

May 2022

**Relevant Coursework:** Introduction to Computer Systems, Principles of Imperative Computing, Probability Theory, Introduction to Machine Learning\*, Introduction to Computer Security\*, Principles of Functional Programming\*

\*Spring 2021

## Experience

### Bank of America

Charlotte, North Carolina

Global Technology & Operations Analyst Intern

June 2020-August 2020

- Developed an investment research data streaming API and increased data transfer capacity to 50 MB with **Spring Boot MVC**, **Mule**, and **Apache Tomcat**
- Re-engineered the control and reporting system for the mission-critical enterprise application inventory in **Python SQL Alchemy** improving the reporting cadence from monthly to weekly
- Placed in the top 10 out of 200 groups for our Data Literacy Project for the best stock portfolio and data analysis using **Python** and **JupyterLab**

### ScottyLabs

Pittsburgh, Pennsylvania

Director of Events

August 2019-Present

- Planning TartanHacks, Carnegie Mellon's largest hackathon sponsored by companies such as Microsoft and Facebook with over 400 attendees and hosted workshops on how to build hackathon projects
- Leading Web Development Weekend, a series of educational workshops designed to introduce underclassmen to web dev skills such as **HTML**, **CSS**, **JavaScript** and more with over 50 attendees
- Piloted SL Careers, a webpage to provide job, internship, scholarship, and research opportunities utilizing **React**, **Node.js**, and **Google APIs** (<http://careers.scottylabs.org/>)

### Robotics Club

Pittsburgh, Pennsylvania

Secretary

August 2019-Present

- Planning educational activities as part of the mentorship committee for over 20 underclassmen to teach them all about robotics, shop, 3D printing, laser cutting, electronics, **Arduino**, and programming
- Promoting the club on social media and assist other officers with administrative needs

## Projects

### Social Action Project Society

Pittsburgh, Pennsylvania

Backend Developer

September 2020-Present

- Designing a **Chrome Extension** that recommend small businesses around the area to shop at
- Developing a **Firebase** backend to store the different stores, locations, and types of businesses

### Feed the Burghers

Pittsburgh, Pennsylvania

Co-Founder and Web Developer

September 2019-Present

- Developing a mobile application to connect economically disadvantaged people in Pittsburgh to food sources willing to donate food by (<http://feedtheburghers.tech/>)
- Partnering with five restaurants and working on our 501(c)(3) status

### A Taste of Africa

Remote

Web Development Volunteer @ LeVare

June 2020-August 2020

- Remotely developed an ecommerce website for a small POC-owned business in California using **Gatsby**, **GraphQL**, **Bootstrap**, **Google APIs**, and **Netlify CMS** to establish online presence (<https://atasteofafrica.netlify.app/>)
- Created tutorials on **Git workflow**, **command line**, **node package manager**, and deployment to guide over 90 programmers in software development

**Other Involvement:** BUILT BY GIRLS Ambassador (2020-Present), Rewriting the Code Fellow (2020-Present), Teaching Assistant for Rapid Prototyping Technologies and Intermediate Rapid Prototyping (2020-2021)

## Skills

**Computer Skills:** Python, Java, C, HTML, CSS, JavaScript, React, Node.js, Gatsby, GraphQL, SQL, Git

**Language Skills:** Native Proficiency: English, Hindi, Working Proficiency: Spanish