
Rebecca Rozansky

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EDUCATION

University of North Carolina at Chapel Hill

August 2019 - May 2023

Bachelor of Science in Computer Science

Dean's List 1 semester

Relevant Coursework: Foundations of Programming, Computer Systems, Data Structures, Linear Algebra, Probability

RELATED EXPERIENCE

IBM, Software Engineer on Global Cloud Acceleration Team

June - August 2020

- Built an internal IBM Cloud CLI that aids GCAT in investigating VPC Flow Logs for troubleshooting
- Utilized IBM API Services to pull information from GCAT's cloud resources
- Refactored existing IBM Cloud tools using NodeJS to produce project analytics
- Pitched a community-based mobile app to give POC businesses impacted by COVID-19 an online presence and network with consumers for the 2020 NA Intern Hackathon

Mathnasium, Math Instructor

August 2018 - May 2019

- Tutored students from elementary to high school
- helped construct personalized curriculums for students to follow

PERSONAL PROJECTS

FaceBlock

June 2020

- Using **python** and **keras**, I created a program that finds and covers the faces of individuals in pictures, videos, and live video using neural networks

ASL Translator

January 2020

- I developed a **python** program which reads a live feed from a webcam that translates hand gestures into their respective ASL translation

Map Visuals

May 2020

- Using **python** and **geopandas**, I created an interactive election map of the 2016 election which displays the winner as well as a gradient of how republican/democrat a county is
- Using **python** and **geopandas**, I made a map that shows the current amount of cases of COVID19 in each county

ACTIVITIES

Sigma Rho Lambda Sorority

January 2020 - Present

Member

- Actively participate and volunteer with the sorority's charity organization Challah for Hunger which is designed to help battle food insecurity in the surrounding community

CS for Social Good

July 2020 - Present

Member

- Member of CS for Social Good, an organization that creates applications for local charities and nonprofits to help better the Chapel Hill community

Carolina Analytics and Data Science

Member

August 2019 - Present

- Participate in the annual data hackathon and attend meetings to explore data science

SKILLS and AWARDS

Programming Languages: Python, C++, Java, JavaScript, C

Libraries: keras, pandas, matplotlib, opencv, tensorflow, numpy, geopandas

Software: Adobe Photoshop, Adobe Lightroom

Certifications: Cloud Core IBM, Machine Learning for Python IBM, Deep Learning with TensorFlow IBM, Blockchain Essentials IBM, Test Driven Development IBM

Languages: English (Native), Russian (Fluency)

Awards: USACO Silver, Russian Olympiad Gold Medalist, placed 9th at American Computer Science League