SM Mashuque

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EDUCATION
Cornell University - Bachelor of Science | **Ithaca, NY**
- Cumulative GPA: 3.41. Dean's list: spring 2018, spring 2019
- Major in Information Science. Minor in Computer Science
- Relevant courses taken: Object Oriented Programming, Data Structures, Design and Programming for the Web, Backend Web Development, Systems Organization and Programming, Discrete Structures, Data Science, Software Engineering, Introduction to Database Systems

Expected May 2020

CS/INFO 2300 - Backend Web Development - Teaching Assistant — *Spring 2019*
- Helped students with questions relating to server side data processing and how to create dynamic pages using HTML and PHP. Led weekly lab sections and graded assignments

CS/INFO 1300 - Design and Programming for the Web - Teaching Assistant — *Fall 2018*
- Helped students with questions relating to HTML, CSS, and JavaScript. Led weekly lab sections and graded assignments

EXPERIENCE
United Bank of Switzerland - Software Engineer Intern | **Weehawken, NJ**
- Developed a monitoring application for a data warehousing infrastructure using Flask; it centralized uptime information about the different components (PostgreSQL, Python, Airflow, HDFS)
- Created automated tasks to send internal email alerts using Python, Jinja templates, and AutoSys
- Collaborated with an intern team and created a plan for developing custom apps on Microsoft Teams to boost employee efficiency

June-August 2019

SinglePlatform - Software Engineer Intern | **New York, NY**
- Developed a REST API endpoint with pagination using Django REST
- Built a GUI app to automate internal schedule creation process with Python and Google Calendar API
- Created asynchronous tasks to update data, and send emails using Celery and SendGrid

June-August 2018

PROJECTS
TAKK - A Fundraising Platform for Higher Education — *Spring 2019*
- Built a web application system that enables voice calling and payment processing
- Served as the lead developer to design and implement an MVP with Django framework, Twilio API, and Stripe API
- Collaborated with the client and managed iterative improvements of the MVP

Emulated RISC-V CPU — *Spring 2019*
- Created a five stage pipelined CPU in Logisim.
- Verified that design adheres to the RISC-V ISA specifications

Nasdaq Stock Quotes — *Fall 2018*
- Built a small web app to display live stock quotes using React, Django REST, and IEX API

LANGUAGES: Python, C, C++, Java, JavaScript, PHP
TECHNOLOGIES: Django, Flask, Angular, NumPy, React, jQuery, D3.js, Celery, RabbitMQ, Airflow, PostgreSQL