SM Mashuque

sm.mashuq@gmail.com - 347-694-9301 - smmashuq.com - linkedin.com/in/smmashuq - github.com/mashgreat2

EDUCATION

Cornell University - Bachelor of Science **Ithaca, NY**
- Cumulative GPA: 3.41. Dean's list: spring 2018, spring 2019 *Expected May 2020*
- 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

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) *June-August 2019*
- 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

SinglePlatform - Software Engineer Intern **New York, NY**
- Created a REST API endpoint with pagination using Django REST *June-August 2018*
- Created 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

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