

SM Mashuque

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

Education	CORNELL UNIVERSITY <ul style="list-style-type: none">• Cumulative GPA: 3.409• Major in Information Science. Minor in Computer Science• Dean's list: spring 2018, spring 2019• Relevant courses taken: OOP in Python, Data Structures in Java, Backend Web Development in PHP, Systems Organization and Programming in C/C++, and Software Engineering	May 2020
Experience	UBS <ul style="list-style-type: none">• 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	Summer 2019
	SINGLEPLATFORM <ul style="list-style-type: none">• Created a REST API endpoint with pagination using Django REST• 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	Summer 2018
Projects	TAKK - A Fundraising Platform for Higher Education <ul style="list-style-type: none">• 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	Spring 2019
	EMULATED RISC-V CPU <ul style="list-style-type: none">• Created a five stage pipelined CPU in Logisim.• Verified that design adheres to the RISC-V ISA specifications	Spring 2019
	NASDAQ DATA <ul style="list-style-type: none">• Built a small web app to display live stock data using React, Django REST, and IEX API	Fall 2018
Teaching	CORNELL UNIVERSITY <ul style="list-style-type: none">• CS/INFO 1300 - Design and Programming for the Web• CS/INFO 2300 - Backend Web Design	Fall 2018 Spring 2019
Technologies	LANGUAGES <ul style="list-style-type: none">• Python, C, C++, Java, JavaScript, PHP	
	SOFTWARE <ul style="list-style-type: none">• Django, Flask, Angular• NumPy, React, jQuery, D3.js• Celery, RabbitMQ, Airflow	