SM Mashuque

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PROFILE

Determined to become a Software Engineer. I am always excited to build things with programming. I have experience working with APIs and Django framework from last internship. Learning new things about software design is very exciting to me. I am always exploring and expanding my understanding of important concepts and best practices in programming. I want to keep learning and develop my understanding of various ideas in software architecture and web scalability. So far, my experience has been more about working with back-end technologies, but I do have interest in learning about front-end technologies.

EDUCATION

Cornell University, B.S.   05/2020
- Cumulative GPA: 3.3
- Major in Information Science. Minor in Computer Science.
- Relevant courses taken include OO Programming in Python, Data Science in Python, Data Structures in Java, Backend Web Development in PHP, and Systems Programming in C/C++.

EXPERIENCE

Teaching Assistant in INFO/CS 2300: Backend Web Design   08/2018 to 12/2018
Cornell University
- Helped students with questions relating to server side data processing and creating dynamic pages using HTML, PHP, and database.
- Met with professor weekly and helped grade assignments.

Teaching Assistant in INFO/CS 1300: Intro Web Design   08/2018 to 12/2018
Cornell University
- Helped students with questions relating to HTML, CSS, and JavaScript in the intro web design course.
- Met with professor weekly and helped grade assignments.

Software Engineer Intern   06/2018 to 08/2018
SinglePlatform

- Django MVC: Updated existing models, views, templates, and wrote unit tests.
- Created an API endpoint with pagination for restaurant locations, menus, and photos data using Django REST framework.
- Created asynchronous tasks to update models, and send emails using Celery and SendGrid.
- Applied view restrictions with Python decorators.
- Created a GUI app in Python for internal use to automate schedule creation process using Google Calendar API

Python Tutor   08/2017 to 05/2018
Cornell University
- Met with CS 1110 course students weekly and provided assistance with Python questions relating to homework, assignments, and exams.

SKILLS

Programming Languages

Python	■■■■■■■■
Java	■■■■■
C	■■■■
C++	■■■■
JavaScript	■■■■■
PHP	■■■■

Databases

PostgreSQL	■■■
SQLite	■■■
Redis	■■■

Frameworks

Django	■■■■■■
Angular	■■

Libraries

NumPy	■■■
React	■■
jQuery	■■■
D3.js	■■■