SM Mashuque

Interested in Software Development.

Personal Info

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Summary

Determined to become a Software Engineer. Excited to build things with programming. Have experience working with APIs and Django framework from last internship. Currently, I am learning and building small projects with Django as the backend and React as the frontend. 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.

Education

08-2016 - 05-2020

Cornell University, B.S. in Information Science
- Major GPA: 3.5 | Cumulative GPA: 3.4
- Relevant courses taken include OO Programming in Python, Data Structures in Java, Backend Web Development in PHP, Systems Programming in C/C++, and Data Science in Python.

Experience

08-2018 - present

Teaching Assistant in Web Design Course
Cornell University
- Led weekly discussion sections and answered questions relating to HTML, CSS, and JavaScript in the intro web design course. Met with the professor weekly and helped grade assignments.

06-2018 - 08-2018

Software Engineer Intern
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.

08-2017 - 05-2018

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

07-2015 - 08-2015

QA Intern
SinglePlatform
- Fixed website presentation bugs. Addressed and fixed technical debt issues. Worked on improving unit test coverage.

Personal Projects

Built a web app to show live stock price information for Nasdaq companies.
- Integrated the app with IEX API for showing latest stock price information.
- Built a React frontend that calls the Django backend and IEX API to update the data every second on client side without page reload.
- Learned to deploy in Heroku.

Built a Breakout game in JavaScript.

Skills

Python ●●●○○

Django ●●●○○

C++ ●●○○○

Java ●●○○○

JavaScript ●●○○○

React ●●○○○

PHP ●●○○○

NumPy ●●○○○

mySQL ●○○○○

Android ●○○○○