JOHNATHAN WANG

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EDUCATION

University at Buffalo, Buffalo, NY
Class of 2021
Pursing Bachelor of Science in Computer Science

Computer Languages - Python, C++, C, Java, JavaScript, HTML5, CSS3, PHP
Frameworks – Django
Relevant Coursework - Introduction to Computer Science I & II, Data Structures, Introduction to Algorithms, Algorithms for Modern Computing Systems, Software Quality in Practice, Programming for the Web I

RELATED EXPERIENCE

Software Engineering Intern at Classavo, *UB, NY*
8/2019 – Present
- Assisted team in designs, implementations, and meetings for a classroom application.
- Implemented features for the attendance component, such as web sockets and Snackbars.
- Built new APIs to increase security and efficiency for user info/avatars.
- Debugged both front end (Javascript, React) and back end (Python, Django).

Member of the Society of Asian Scientists and Engineers, *UB, NY*
9/2018 – Present
- Participation in assisting beginners in a Python workshop.
- Held seminars for students interested in coding, technical topics, guest speakers, and workshops.

PERSONAL PROJECTS

Weather App (Python, Django, HTML, Javascript)
12/2018 - 1/2019
- Web app that allows the user to find information about the weather in a desired city. Used Django framework.
- Designed back-end to connect to OpenWeatherAPI to get weather information. Designed forms, models, and views functionality.
- Used MySQL as the database to store recent city searches and it's weather.

FDA Data Parser (C)
3/2019 – 5/2019
- Designed a C program that reads FDA recall data from an XML file.
- Supports commands that filter and count text, and other efficient features for analyzing statistics.
- Used test-driven development by creating makefiles, CUnit tests, and various debugging tools such as GDB and GCOV.

Codenames (Java)
9/2018 – 11/2018
- Inspired by the "Codenames" board game, we designed the user interface using Eclipse's GUI.
- Implemented the game's turn by turn features using object-oriented programming.
- Used white box testing to ensure that features were implemented and tested properly.