

# JOHNATHAN WANG

[https://johnathanw233.github.io/personal\\_portfolio/](https://johnathanw233.github.io/personal_portfolio/) | Email: jwang233@buffalo.edu

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## EDUCATION

University at Buffalo, Buffalo, NY

Class of 2021

Bachelor of Computer Science

Major: Computer Science

Computer Languages - Python, C++, C, Java, JavaScript, HTML5, CSS3, PHP

Frameworks - Django

Bilingual - English, Chinese

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## RELATED EXPERIENCE

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.
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## RELEVANT COURSEWORK

- Introduction to Computer Science I & II
  - Data Structures
  - Introduction to Algorithms
  - Software Quality in Practice
  - Programming for the Web I
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## 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.

Codenames (Java)

09/2018 - 11/2018

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

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.