Wingshan Tam

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EDUCATION

Northwestern University, Evanston, IL   Sept. 2019 - June 2023 (expected)
B.A., Computer Science   **GPA:** 3.51

Relevant Courses: Fundamental of Programming, Mathematical Foundation of CS, Data Structure and Data Management, Computer System, Human Computer Interaction

EXPERIENCE

Code Platoon Hacktober, Chicago, IL   Oct. 2020 - Oct. 2020
Coder Participant
- Designed and built the frontend of a mobile app that gets Veterans and their families the resources they need as close to home as possible.

Girls Who Code, Chicago, IL   Jun. 2018 – Aug. 2018
Coder Participant
- Implemented 4 games such as Hangman using Scratch, Python, and Javascript.
- Created informational websites using HTML and CSS.
- Established strong relationship with other females in the tech industry.

ASM Lego Robotics, Chicago, IL   Mar. 2018 - June 2018
Coder Participant
- Designed and built lego robots using Arduino to do tasks such as moving along a path, picking up objects, and escaping a maze using touch and color sensor.

SOFTWARE PROJECTS

ExtraOrdinary - HTML, Javascript, CSS
- Collaborated with a team of 5 to design and coded a website to advocate, support, and provide resources for people with special needs in communities across America.
- Link: https://mkee1.github.io/gwcProject.github.io/

Spaceship - C++
- Built the UI and backend of the one-player game that takes player's input on direction to destroy moving tiles on top without dropping the bouncing object.

Covid 19 Stats - Javascript, HTML
- Designed and built the frontend of a web app that allows users to see real-time statistics of Coronavirus in each states.

TECHNICAL SKILLS

Basic: Python3, C, C++, HTML, Javascript, Arduino

HONORS AND AWARDS

- **National Honors Society Award,** National Honors Society (2019)
- **Seal of Biliteracy,** Jones College Prep (2019)
- **Math Team Awards,** City of Chicago Math League (2018, 2019)

Other

Languages: Mandarin(fluent), Cantonese(fluent),
Interests: Swimming, Biking, Music, Reading