

James S. Wang

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EDUCATION

Johns Hopkins University

Bachelor of Arts in Computer Science

Relevant Courses: EN.601.220 EN.601.226, EN.601.231

Aug 2019 – May 2023

Baltimore, MD

Sparta High School

Top 10 Student

Awards: National AP Scholar, 2019 Senior Computer Science Award,
2018 Student of the Year in Computer Programming, University of
Rochester Xerox Award for Innovative and Information Technology

Sep 2015 – Jun 2019

Sparta, NJ

COMPUTER SKILLS

Languages: Python, Java, C#, C, C++

Frameworks & Softwares: Godot, Unity, Git, JUnit, discord.py

PROJECTS

NoteUtil

Feb 2017 – Present

- Analyzed the structure behind my note-taking and modeled it into data structures
- Created a parser to translate notes to code and detect inconsistent formatting
- Designed and developed a GUI, enhancing usability by a projected 150%
- Boosted self-studying effectiveness and efficiency by an estimated 200%

Ping Manager

Jul 2018 – Aug 2018

- Won competition in the creation of a Discord bot to help over 12,000 students
- Collaborated with teammate in documentation, promotion, and refactoring of bot
- Reflected on criticism with objectivity in order to see real flaws and improve bot

WORK EXPERIENCE

Sparta High School

Information Technology Intern

Sep 2018 – Jun 2019

Sparta, NJ

- Re-imaged, inventoried, and methodically stored over 250 unused laptops
- Documented a procedure for installing Python, pygame, and idle for future use
- Packaged and initialized over 100 Chromebooks for student use or repair
- Diagnosed and troubleshooted several school faculty's technical issues promptly

Mathnasium

Instructor

Aug 2018 – Jun 2019

Sparta, NJ

- Managed and directed the education of up to six students simultaneously
- Guided 40+ students with Socratic questioning when they were unsure what to do
- Engaged in one on one tutoring in specialized areas by focusing on student needs