

James S. Wang

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EDUCATION

Johns Hopkins University

Aug 2019 – May 2023

Bachelor of Arts in Mathematics/Computer Science

Baltimore, MD

Relevant Courses: Data Structures, Discrete Mathematics, Linear Algebra

Sparta High School

Sep 2015 – Jun 2019

Top 10 Student

Sparta, NJ

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

WORK EXPERIENCE

Johns Hopkins University

Jun 2020 – Jul 2020

Active Learning Content Creator

Virtual

- Made worksheets, coding exercises, and resources for Data Structures course
- Reviewed previous and new material to determine if learning outcomes were met

Sparta High School

Sep 2018 – Jun 2019

Information Technology Intern

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

Aug 2018 – Jun 2019

Instructor

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

PROJECTS

NoteUtil

Feb 2017 – Aug 2019

- 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%

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