

NATHANAEL OH

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Portfolio website: <https://bathan1.github.io/oh-my-portfolio/>

1441 Hampton Hill Cir
McLean, VA 22101

EDUCATION

BS	Johns Hopkins University, Computer Science	May 2025
	<ul style="list-style-type: none">Honors:<ul style="list-style-type: none">Dean's List ('21-'22, '22-'23)GPA: 3.81	

SKILLS

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- Programming Languages:** Java, C, C++, Full-Stack Web Development (HTML, CSS, JS/TS, see portfolio website for full web tech-stack), Python.
 - Other:** Data Structures/Algorithms and Data Analysis with numpy, pandas, and matplotlib in Python, along with Microsoft Excel

PROJECTS

Web Apps, all deployments available on my portfolio website

- Bio-Match:
 - Implemented the backend for a clinical-trials matcher web-app.
 - Potential to scale to connect hundreds of users.
 - Backend algorithm matches users to numerous clinical trials that would be of top interest to them based on certain criteria they've indicated on sign-up.
- Manga-Cover App:
 - Developed API calls to OpenAI for the front-end of a school project.
 - Aided over 100 students at the UVA art club with inspiration for a manga project.
- Flashcards-App:
 - Implemented both the frontend and backend for a flashcards application.
 - Used by 5 concurrent users out of 10 to help study for JHU finals.

PROFESSIONAL EXPERIENCE

Paper Tutor , Online	2022 to Present
<i>Math/Science Tutor</i>	
<ul style="list-style-type: none">Tutor math and science online to numerous K-12 students simultaneously in a fast-paced classroom setting.	
Children's National Hospital , Washington D.C.	May-August 2023
<i>Database Management Intern</i>	
<ul style="list-style-type: none">Cleaned up Excel databases maintained for research for the division of Plastic Surgery.Used a combination of Excel and Python with the pandas and numpy libraries.Wrote basic scripts for the open-source Slicer3D visualizer.	