# Education

**BS** Johns Hopkins University, Computer Science May 2025

* Honors:
  + Dean’s List (’21-’22, ’22-’23)
* GPA: 3.81

# Skills

* **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

*Math/Science Tutor*

* 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

*Database Management Intern*

* 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.