

Thienkim Nguyen

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EDUCATION

George Mason University, Fairfax, VA
B.S. Computer Science

Graduation: May 2026
GPA: 3.5

TECHNICAL SKILLS

Proficient: Python, Java, C, Matlab, Visual Studio Code, HTML, CSS, JavaScript,
Familiar: Git, Github, R, SQL, Jupyter Notebook, Unix, Autodesk Inventor, Arduino

EXPERIENCE

Google's Computer Science Summer Institute, Remote

July 2022-August 2022

Participant

- Participated in a 4-week intensive computer science summer program for high-achieving students.
- Completed an introductory project-based HTML/CSS and JavaScript curriculum taught by Google engineers.
- Configured 15 individual coding projects in JavaScript by using concepts such as variables, data types, and functions.
- Attended product design, resume development, and software engineering interview workshops.
- Delivered a collaborative final project presentation that included a live demonstration to Google employees and community leaders.

Enterprise Hall, Remote

June 2022-August 2022

Intern

- Leveraged web development skills to design and implement a professional landing page for corporate strategy, aligning the digital presence with the organization's overarching goals.
- Gained valuable hands-on experience in Information Technology, Data Analytics, and Marketing.

Girls Who Code, Alexandria VA

Jan. 2020 - Present

Member

- Demonstrated coding proficiency by independently developing a Python-based chatbot aimed at educating others on the pressing issue of gender inequality.

PROJECTS

YouTube API Data Analysis - Python

August 2023

- Developed hands-on experience with API integration as measured by successful interaction with the YouTube API to retrieve large-scale data, by utilizing Python's request library and API keys.
- Demonstrated proficiency in Python libraries by utilizing NumPy, Matplotlib, Pandas, and Seaborn for data manipulation and visualization.
- Enhanced data quality and analysis readiness as measured by pre-processing and augmenting video metadata to ensure consistency and accuracy, by applying data engineering techniques.

Space Challenge - Java

- Conducted comprehensive testing of rocket prototypes based on multiple criteria, including cost, weight, maximum cargo capacity, launch explosion probability, and crash landing explosion severity.
- Analyzed diverse rocket performance as measured by uncovering trade-offs and optimal solutions based on multiple criteria, by visualizing and comparing simulation results.

Connect4 - HTML, JavaScript, CSS

July 2022

- Prioritized user experience as measured by intuitive gameplay and polished interface, by focusing on responsive design and clear user-feedback mechanisms.
- Collaborated with a diverse team throughout the project, engaging in agile development methodologies to ensure the timely delivery of a high-quality product.
- Applied software development skills as measured by well-structured codebase and adherence to best practices, by implementing game logic, and UI interactions