Alexander Spiliotopoulos

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Technical Skills

Languages: Java, Python, C++, JavaScript, HTML, CSS, SQL	**Frameworks:** Vite, React, Node.js
Developer Tools: Git, Docker, VS Code, Microsoft Azure	**Operating Systems:** Microsoft 10/11, Linux

Education

Rutgers University - New Brunswick — August 2025 - Present
Bachelor of Science in Computer Science — *New Brunswick, NJ*

Passaic County Community College — May 2023 - December 2024
Associate of Science in Computer Science — *Paterson, NJ*

D.C.L STEM Academy — September 2021 - June 2024
High school diploma with a specialization in Computer Science — *Wayne, NJ*

Experience

Software Engineering Intern — January 2025 - June 2025
The ASPI — *Tampa, FL*
- *Led requirements gathering with scientists and business stakeholders*
- *Beginning to end, full-stack, software development*
- *Built a scalable, relational SQL database handling 10000+ records*
- *Integrated Excel data with SQL database*
- *Built and designed the front end of a web application made for scientists to access and query the database easily*
- *Built and designed the back end of said web application*
- *Implemented Microsoft Authentication for limiting site access*
- *Hosted both the database and web application on the cloud through Microsoft Azure*

Computer Science Teachers Assistant Internship — October 2024 - December 2024
Paterson STEAM High School — *Paterson, NJ*
- *Designed and delivered lessons in beginner and intermediate computer science (Python, algorithms)*
- *Created and implemented a curriculum tailored to high school students' skill levels*
- *Provided one-on-one mentorship, clarifying programming concepts, and debugging code*

Congressional Internship — June 2024 - July 2024
New Jersey's 9th congressional district office — *Paterson, NJ*
- *Strengthened communication through assisting constituents*
- *Developed documentation and reporting skills*

Projects

Personal Website | JavaScript, HTML, CSS, Git, VS Code, React, Docker, Linux — May 2025 - Present
- *Developed a front-end web application using Vite React*
- *Utilized Docker to self-host the application on a personal server*

Spotify Viewer | JavaScript, HTML, CSS, Git, VS Code — April 2025 - May 2025
- *Developed a front-end web application using JavaScript, HTML, CSS, and the Spotify API*
- *Implemented Spotify Auth to pull user data*