

# Devon Wallerson

New York Metro | [devonwallerson@gmail.com](mailto:devonwallerson@gmail.com) | [linkedin.com/in/devon-wallerson](https://www.linkedin.com/in/devon-wallerson) | [github.com/devonwallerson](https://github.com/devonwallerson)

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## Education & Skills

**New Jersey Institute of Technology - *Albert Dorman Honors College***

Expected Graduation: May 2026

- Computer Science, B.S. | GPA : 3.73 | Accredited Junior | Dean's List Scholar
- Recipient of the *NJIT Honors Full Ride Scholarship* and the *NJIT Excellence Need-Based Scholarship*
- Relevant Coursework: Data Structures, Information Systems, Data Science, Operating Systems, Java

**Skills:** Java | C++ | SQL | PHP | Python | Sci-Kit Learn | Pandas | HTML/CSS | JavaScript | JQuery | React.js | Git

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## Experience

**Technology Summer Analyst - *Morgan Stanley***

June 2024 - August 2024

- Incoming Technology Summer Analyst Intern on the Application Development Track.

**Black and Hispanic Tech Summit - *Capital One***

January 2024

- **One of 42** selected to attend **Capital One's Software Engineering Summit** and placed **second** in the Summit Hackathon with a project based on destigmatizing investing for traditionally underrepresented communities.

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## Leadership & Professional Development

**Software Engineering Career Prep - *Management Leadership for Tomorrow (MLT)*** February 2024 - Present

- Selected for an exclusive **18-month development program**, a competitive initiative designed to prepare underrepresented students for a career in technology.
- Attended weekly classes, resume reviews, and technical interviews to prepare for internships and interviews.

**Public Relations Chairperson - *NJIT National Society of Black Engineers***

January 2024 - Present

- **Lead Web Developer** for NJIT NSBE's Chapter website using **HTML/CSS, JavaScript**, and Google Sites.
- Maintaining effective communication between NSBE and other campus organizations for effective collaboration.

**Computer Science Major Representative - *NJIT Student Senate***

October 2023 - Present

- Implemented a **semesterly newsletter** focused on enhancing career prospects for Computer Science students at NJIT, resulting in a **32%** improvement in **Student Senate approval** among Computer Science students.

**Teaching Assistant - *Albert Dorman Honors College***

June 2023 - December 2023

- Led **orientation events**, **professional workshops**, and **weekly lectures** to guide **30 first-year students** with transitioning and navigating through campus and student life.
- Oversaw a **semifinalist biodiversity research proposal** aimed at enhancing ecological diversity on campus.

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## Projects

**Fantasy Stock League - *Capital One Hackathon*** (*HTML/CSS, JavaScript, Flask, Python*) January 2024

- Alongside Team FSL, developed a dynamic **stock simulation platform** using **HTML/CSS** and **JavaScript** to promote minority engagement with the stock market.
- Integrated **Python**, **Tiingo API**, and **Flask** for backend operations, ensuring robust data handling and server-side logic for seamless user experiences. Utilized **Pandas** for data manipulation and **Matplotlib** for visualizing stock trends, facilitating informed trading decisions in a simulated environment.

**House of Health Database Portal** (*HTML/CSS, JavaScript, SQL, & PHP*)

December 2023

- Developed a healthcare database interface, crafting an **HTML/CSS** and **JavaScript** frontend connected to a **PHP**-based backend that executes complex **SQL** queries. Enhanced user experience by creating intuitive navigation and data presentation, significantly improving usability for office staff in managing healthcare records.

**Predicting Home Sale Prices with Machine Learning** (*Python, Pandas, & SciKit-Learn*)

July 2023

- Analyzed NYC public home sale datasets with Pandas to predict home sale prices, applying data visualization for model insights.
- Implemented a Random Forest Classifier with SciKit-Learn, demonstrating a **60%** accuracy despite COVID-related market unpredictability.