

Devon Wallerson

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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

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**. Developed a **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. Placed **second** in Summit Hackathon.

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.

Projects

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 records.

WeChat (HTML/CSS, JavaScript, SQL, & PHP)

December 2023

- Developed and launched a responsive Simple **PHP/SQL** Web Chat Application, utilizing **HTML/CSS**, **JavaScript**, **jQuery**, and **AJAX** for real-time messaging, user input validation, and dynamic content updates.
- Engineered backend logic in **PHP** and managed data storage with **SQL**, implementing features like periodic user list updates and chat message retrieval, while ensuring cross-browser compatibility.

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.