

Devon Wallerson

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Education

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

September 2022 - 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**
 - Coursework - **Data Structures, Internet Applications, Information Systems, Java, Python, C++, React**
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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 Bank*

January 2024

- **One of 42** selected to attend **Capital One's Software Engineering Summit**, participating in a week-long event featuring workshops on APIs, React, AR, Git, Arduinos, and more.
 - Placed **second** in the Summit Hackathon, focusing on a fintech future, with a project based on destigmatizing investing for traditionally underrepresented communities.
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Extracurricular

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

January 2024 - Present

- **Web Developer Team Lead** 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

- Collecting student data to improve **diversity, equity, and inclusion** on campus by promoting uplifting programs catered to underrepresented students majoring in Computer Science.

Computer Science Tutor - *NJIT Kids Who Code*

September 2022 - December 2023

- Assisted in the production of a STEM-focused curriculum to introduce students from Hawthorne Avenue Elementary School to **Scratch** using basic **programming concepts** and graphical design.

Teaching Assistant - *Albert Dorman Honors College*

June 2023 - December 2023

- Led **orientation events, professional workshops, and weekly lectures** to guide first-year students with transitioning and navigating through campus and student life.
 - Evaluated and provided feedback throughout a **biodiversity research project** 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

- Collaborated with Team FSL to create an **HTML/CSS** and **JavaScript**-based stock simulation environment.
- Implemented **Python** and **Flask** to present users with visualized and consistent stock prices collected through the **Tiingo API**. Used **Matplotlib** and **Pandas** to plot the data for the user.

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

December 2023

- Constructed a portal to allow receptionists to access patient information in a doctor's office.
- Implemented an **HTML/CSS-based** frontend with **JavaScript** functions, and **PHP** with **SQL** queries to display to the database that contains patient information.

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

July 2023

- Collected and analyzed data from public datasets through **Pandas Library**.
 - Performed **data analysis** and **visualization** techniques to show effective execution of the model.
 - Applied **Random Forest Classifier** through **SciKit-Learn** to create the machine learning model.
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Skills and Languages: Java | HTML/CSS | Python | Sci-Kit Learn | Pandas | JavaScript | JQuery | MySQL | PHP | React

Extracurriculars: NJIT NSBE | Black Student Union | INROADS | NJIT Student Senate | ColorStack | MLT Fellow