

# Devon Wallerson

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## EDUCATION

### New Jersey Institute of Technology

Newark, NJ

*Bachelor of Science in Computer Science, Albert Dorman Honors Scholar*

*Sept. 2022 – May 2026*

- GPA : 3.71/4.00
- Recipient of the NJIT Honors Full Ride Scholarship and the NJIT Excellence Need-Based Scholarship
- **Organizations:** ColorStack, NSBE, MLT, INROADS, BSU, Caribbean Student Organization

## EXPERIENCE

### Morgan Stanley

June 2025 – August 2025

*Software Engineer Intern*

*New York City, NY*

- Incoming Summer 2025

### HubSpot

January 2025 – May 2025

*Software Engineer Intern*

*Cambridge, MA*

- Incoming Spring 2025

### BMW Of North America

September 2024 – December 2024

*Data Engineer Intern*

*Woodcliff Lake, NJ*

- Analyzed customer fleet data using PySpark to identify issues and improve next generation feature packs
- Led implementation of codeBeamer REST API, enhancing data integration and workflow efficiency
- Utilized AWS to run Spark jobs, access data, and perform analytics for developing US-specific requirements

### Morgan Stanley

June 2024 – September 2024

*Software Engineer Intern*

*New York City, NY*

- Developed a data dashboard using Angular and Highcharts API, increasing code reusability by 70% through modular components and mapping services
- Implemented 6 API endpoints on an internal server using SQL and Spring Boot to integrate with the backend
- Integrated UI, API Service, and on-premises server to populate dynamic charts with internal transfer data, reducing data retrieval time by 60% and enabling real-time insights for business users managing transfers

### Capital One

January 2024

*Software Engineer Summit*

*Remote*

- Led 4-person team to develop Fantasy Stock League web app, securing 2nd place in Summit Hackathon
- Increased financial literacy among minority communities through interactive stock simulation features
- Built frontend with HTML/CSS and JavaScript; implemented backend using Flask, Tiingo API, and AWS

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

### Management Leadership for Tomorrow (MLT) | *Software Engineering Career Prep*

Feb. 2024 – Present

- Accepted into a selective 18-month professional development program for high-achieving diverse talent.
- Completed business case studies and assignments to grow leadership and technical skills.

### National Society of Black Engineers (NSBE) | *Public Relations Chairperson*

Jan. 2024 – May 2024

- Improved chapter attendance by 58% through promotional flyers, a chapter website, and career focused events.

### NJIT Student Senate | *Computer Science Major Representative*

Oct. 2023 – May 2024

- Implemented a newsletter focused on enhancing career prospects, resulting in a 32% improvement in approval.

## PROJECTS

### Apple Music Library Web Stats | *ReactJs, MusicKit, Apple Music API, Styled-Components*

- Developed React-based music web app with user-specific statistics using MusicKit and Apple Music API.
- Implemented state management and caching, reducing average load time by 73% and enhancing search and playlist analysis features.

### House of Health Database Portal | *HTML/CSS, JavaScript, SQL, & PHP*

- Developed a healthcare database interface, crafting an HTML/CSS and JavaScript frontend connected to a PHP-based backend that executes complex SQL queries, allowing users to effectively manage records.

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, JavaScript, HTML/CSS, Git, PHP

**Frameworks:** React.js, Angular, Node.js, PySpark

**Libraries:** pandas, NumPy, Matplotlib