

Robert Williams

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EDUCATION

New Jersey Institute of Technology (NJIT) | Newark, NJ

Bachelor of Science in Computer Science

Anticipated Graduation, May 2027

- 3.5/4.0 GPA, Dean's List

EXPERIENCE

The Greenwich Group | New York, NY

Intern

June 2023-September 2023

- Provide comprehensive analytical data for department management, targeting possible business partnerships with select public and private companies investing in biotechnology, non-traditional lending, real estate investment trusts, and real estate development projects.
- Evaluate the impact of emerging technologies that have allowed for greater productivity within broader corporate organizations.
- Participate and provide insight in weekly management meetings addressing growth strategies and senior management concerns.

EXTRACURRICULARS

National Society for Black Engineers | Newark, NJ

Member

September 2023-Present

- Participate in meetings with sponsors from Amazon, Kearfott, and The Emma Bowen Foundation to broaden our perspective on some of the daily challenges experienced by engineers, effective management of corporate projects, and the importance of social responsibility.
- Discuss ideas on how to increase NSBE's involvement in community affairs.

PROJECTS

Spotify Related Artists Game (Javascript, MongoDB, Express.js, React.js, Node.js)

- Implemented front-end using React.js to create a dynamic and responsive user interface.
- Built a robust backend with Node.js, Express.js, and MongoDB to manage user sessions while also integrating Spotify API to fetch artist information and related artists.
- Employed JavaScript for both client-side and server-side logic, ensuring efficient data processing and interaction.

Tree Density Prediction (Python, Scikit-Learn, Pandas)

- Finding and cleaning datasets in order to use only relevant data.
- Utilized Scikit-learn framework for data preprocessing, predictive models, and managing data.
- Validated and fine-tuned the model using cross-validation techniques to ensure reliability and accuracy in predictions.
- Presented findings and insights through visualizations and reports, aiding in data-driven decision-making.

TECHNICAL SKILLS

- **Languages:** Python, C++, Java, Javascript
- **Frameworks:** MongoDB, Node.js, Express.js, Chart.js
- **Developer Tools:** VS Code, Visual Studio, PyCharm, Git, Github