

Jack D. Greenberg

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EDUCATION

Rutgers University–New Brunswick <i>B.S. in Computer Science & Data Science</i> GPA: 3.72/4.00, Dean's List Relevant Coursework: Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications Activities: Secretary – Rutgers Artificial Intelligence Club, Technical Director – Rutgers Data Science Club, Tournament Executive – Rutgers Chess Club, Member – Rutgers ColorStack	Sep. 2023 - May 2027 <i>New Brunswick, NJ</i>
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EXPERIENCE

Technology Academy Extern <i>AT&T</i>	May 2025 - Jul. 2025 <i>Middletown, NJ</i>
<ul style="list-style-type: none">Analyzed complex datasets using data analytics, REST APIs, and data visualization tools to uncover usage trends, improving reporting efficiency by 30% and reducing manual analysis time by 10+ hours per month.Streamlined integration of external data sources by designing automated ETL workflows and error-checking scripts, cutting data refresh time from 24 hours to 15 minutes and increasing data reliability to 99.9% availability.Implemented cloud security best practices (IAM hardening, encryption at rest/in transit, and logging) for data pipelines, resulting in 0 audit findings and supporting compliance with 2 standards (e.g., SOC 2, HIPAA).	

Web Developer Intern <i>TeenXperience</i>	Jun. 2024 - Aug. 2024 <i>New Brunswick, NJ</i>
<ul style="list-style-type: none">Built an AI-driven resume evaluation platform that analyzed over 1,500 job seekers' resumes to predict hiring potential, improving users' interview-to-application conversion rates by 25%.Implemented responsive front-end features using HTML, CSS, and JavaScript to create an intuitive interface, increasing average session duration by 30% and repeat visits by 15%.Integrated scalable back-end services with Node.js and Express to process AI-driven evaluations in real time, reducing average response time from 5 seconds to under 1 second for 100% of users.	

PROJECTS

Filed Email Classifier <i>Python, scikit-learn, Optuna</i>	Feb. 2025 - Jul. 2025
<ul style="list-style-type: none">Developed a Python-based model using scikit-learn to automatically classify emails into categories with 88% accuracy.Processed over 5,000 emails and deployed the model through a streamlined CLI interface for real-time predictions.Improved model performance by 14% through algorithms testing and hyperparameter optimization using Optuna.	
House Worth Predictor <i>Python, Supervised ML, Matplotlib</i>	Mar. 2025 - Jun. 2025
<ul style="list-style-type: none">Built a supervised machine learning model in Python to predict residential housing prices with 82% accuracy.Reviewed a dataset of over 1,200 entries and applied feature scaling with selection to optimize model performance.Used Matplotlib to graph model predictions and errors, making it easier to share results with stakeholders.	
Everyday Task Tracker <i>React.js, JavaScript, Local Storage</i>	Apr. 2025 - Jul. 2025
<ul style="list-style-type: none">Engineered a task management web app using React.js with modular components, real-time updates, and persistent data.Designed a React.js form with smart validation that reduced user input errors by over 90%.Integrated local storage to persist user tasks across sessions and enhance user experience with data retrieval.	

TECHNICAL SKILLS & CERTIFICATIONS

Languages: Python, Java, JavaScript, TypeScript, C++, Go, R, SQL, Swift, HTML/CSS, Bash
Developer Tools: React, Node.js, Express, Git, Docker, Xcode, AWS, Google Cloud, macOS
Concepts: Software Development, Machine Learning, Web Development, Cloud Computing, Cybersecurity, Data Analysis, Debugging
Certifications: Deep Learning Specialization – DeepLearning.AI, IBM AI Engineering Professional Certificate, Meta Back-End Developer Professional Certificate, Google IT Automation with Python Professional Certificate