Noah Jaskiewicz

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EDUCATION

Rutgers University, School of Arts and Sciences   **New Brunswick, NJ**
Bachelor of Science Computer Science and Mathematics Majors   Sept 2021 - Dec 2025
- **Major GPA:** 3.97 / 4.0 - Dean's List
- **Relevant Coursework:** Software Methodology, Convex Optimization, Systems Programming, Computer Architecture, Data Structures, Algorithms, Data Management, Machine Learning
- **Technical Skills:** Java, Python, C, Typescript, MySQL, GitHub, Jupyter, AWS, React

WORK EXPERIENCE

Amazon - Project Kuiper   **Redmond, WA**
Software Development Engineer Intern   May 2025 – Aug 2025
- Designed and deployed a full-stack service availability map using **Typescript**, **React**, **Next.js** and **AWS**
- Integrated Uber's H3 spatial index for efficient mapping, **reducing** backend API calls by **86%+**
- Streamlined architecture by eliminating cache layers and serving JSON-based data, reducing load times and cost

Corebridge Financial   **Jersey City, NJ**
Quantitative Credit Risk Intern   Jun 2024 – Aug 2024
- Developed neural network models to normalize **$200B+** in company market positions; **resolved** errors in **10%** of portfolio data
- Led a team of **5** interns on a climate risk impact study, presenting findings to senior executives
- **Reduced processing time** for risk group metrics by **90%** by streamlining the process in Python

HeadStarter AI   **Remote**
Software Engineering Fellow   Jul 2024 – Aug 2024
- Built AI-powered self-improvement chatbot using OpenAI's API and Next.js
- Employed Pinecone vector embeddings for semantic retrieval, **improving** response time by **20%**

Rutgers University   **New Brunswick, NJ**
Learning Assistant - Intro to Mechatronics, Calculus 1 & 2   Sep 2023 – May 2025
- Instructed **200+** fellow undergraduate students in hands-on learning 5 hours weekly

PROJECT EXPERIENCE

Natural Language Processing Automatic File Sorter   Dec 2023
- Built a Python tool using Google's Natural Language API to auto-sort **500+** files by content
- **Achieved 99%** classification accuracy and automated launch via macOS LaunchAgent

Portfolio Optimization and Simulation App   Jul 2024
- Developed a Streamlit web app that optimizes portfolio weights using expected returns, risk levels, and user-defined risk tolerance via Lagrangian multiplier optimization
- Integrated Monte Carlo simulation with Geometric Brownian Motion to project **1,000+** stock price paths and aggregate portfolio performance over a user-defined horizon

ACTIVITIES & ACHIEVEMENTS

- **USACS (Computer Science Club):** Delivered peer lectures on algorithms and interview prep, conducted mock interviews, and mentored 3 students on navigating computer science.
- **Garden State Math Competition: 2nd place** out of 70 teams
- **PUTNAM Math Competition:** placed top **20%** out of top U.S. Undergraduate math students