

Noah Jaskiewicz

Montclair, New Jersey 07043 | (973) 650-9707 | noahjaskiewicz@gmail.com

EDUCATION

Rutgers University, School of Arts and Sciences

New Brunswick, NJ

Bachelor of Computer Science and Mathematics - Senior

Sep 2021 – May 2025

- **GPA:** 3.8 / 4.0 - 5x Dean's List
- **Garden State Math Competition:** 2nd Place, **PUTNAM:** 11/120
- **Relevant Coursework:** Algorithms, Software Methodology, Linear Algebra, Data Structures, Data Management for Data Science, Machine Learning Principles, Probability, Combinatorics, Partial Differential Equations, Stochastic Calculus, Real Analysis, Physics IA-IIB

WORK EXPERIENCE

Corebridge Financial

Jersey City, NJ

Enterprise Risk Management Intern

Jun 2024 – Aug 2024

- Developed Python code to streamline the creation of weighted averages of bonds in the market, achieving a 75% reduction in processing time, implementing Pandas and numpy to manage data
- Transformed legacy MATLAB code into object-oriented Python, establishing an intuitive platform for factor models and enhancing code usability
- Optimized SQL queries to extract data from Moody's, S&P, and Fitch databases, accelerating data retrieval speed by 95%

HeadStarter AI

Remote

Software Engineering Fellow

July 2024 – Present

- Built 5 AI themed projects over the course of 5 weeks, committing 20 hours a week
- Enrolled over 1000 users to our website in a 2 week period
- Integrated OpenAI API and AWS to create an AI customer support chatbot

Rutgers University

New Brunswick, NJ

Learning Assistant - Intro to Mechatronics, Calculus 1, Calculus 2

Sep 2023 – Present

- Instructed 30 fellow undergraduate students fundamental Calculus 1 & 2 concepts and differential equations in an electro-mechanical engineering focus
- Provided guidance and support 3 hours weekly in MATLAB programming and the setup of control systems and feedback loop models using MATLAB Simulink

PROJECT EXPERIENCE

Natural Language Processing Automatic File Sorter

Dec 2023

- Developed an automated script that organized over 500 downloaded files, categorizing and relocating them to designated folders, reducing file retrieval and management time by 80%
- Integrated Google Cloud's Natural Language Processing API, achieving a 95% accuracy rate in the categorization of textual file content, and improving file organization efficiency by 75%
- Utilized the Watchdog, Pathlib, PyPDF2, and Shutil libraries to monitor the Downloads folder for changes, generate directory paths, extract text from PDFs, and relocate files to appropriate folders for streamlined file management
- Implemented a launch agent to initiate the script automatically at computer startup, ensuring continuous operation and saving an estimated 1 hour per week in manual file organization tasks

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Java, Python, C++, MATLAB, MySQL, SQLite, GitHub, Jupyter Notebook

Libraries/APIs: Pandas, NumPy, Watchdog, Pathlib, Shutil, Google Cloud Natural Language Processor

Clubs/Societies: USACS, Rutgers Undergraduate Mathematical Association, Rutgers Formula Racing