

Matthew J. Eng

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EDUCATION

Rutgers University, School of Arts and Sciences, New Brunswick, NJ Sept 2021 - Present

- Major: Computer Science Spring 2025
- Minor: Data Science GPA: 3.61

EXPERIENCE

Supervisor, Rutgers Office of Information Technology Sept 2022 - Present

- Troubleshoot** and **resolve** IT issues with Rutgers students, faculty, and staff in a computer lab environment (**15 hours/week** paid position) while attending school full-time
- Provide** escalated support and **assist** consultants during **complex** technical situations
- Conduct** performance reviews for consultants and provide **constructive feedback**
- Create** and **modify** knowledge articles to **streamline** troubleshooting and escalation processes
- Train** and **mentor** newly hired and promoted consultants

Frontend Web Developer, Rutgers Enactus (New Beginnings) Sept 2022 - Present

New Beginnings is an Enactus (international non-profit organization) project with the goal of helping previously incarcerated individuals secure employment, form strong connections with mentors, and utilize local resources.

- Member of a student developer team that **executes** weekly deliverables
- Utilize** the React library to **efficiently update** the UI and **implement** new features to **diversify** the website
- Incorporate** Firebase for authentication and database capabilities

Cybersecurity Intern, OmniSOC (Security Operations Center) June 2024 - July 2024

- Deployed** Filebeat and Logstash to collect, process, and ship log data to Elasticsearch
- Analyzed** malicious network traffic (Wireshark & Zeek) and log data (Kibana) in CTF exercises
- Engaged** in tabletop exercises to **conduct** incident response scenarios and gain insights into threat actor tactics, techniques, and procedures (TTPs)
- Showcased** project to mentors and CISOs that **outlined** a recent CVE via the MITRE Framework

PROJECTS

Photo Organizer – Java (JavaFX & Android Studio)

- Developed** an application enabling users to **efficiently manage** and **organize** their photo collections into albums
- Optimized** for **seamless** storage, search, and filtering of a **large number** of photos

European Cities Analysis – Python (NumPy, pandas, Matplotlib)

- Analyzed** and **cleaned** data using Python libraries in Jupyter Notebook
- Generated** easy-to-read visualizations to discover **revealing** findings about the data

Chess Simulator – Java

- Engineered** a terminal-based chess **simulation** program to allow users to **play** and **learn** chess
- Designed** user-friendly boards with **informative** status messages (e.g., check, illegal moves)

SKILLS

Programming Languages

- Java, Python, C, SQL, R, JavaScript, CSS, HTML

Programming Technologies

- React, Node.js, Firebase, NumPy, pandas, Matplotlib, Jupyter Notebook, Git, Bitbucket

Cybersecurity

- Linux, Wireshark, Elastic, AWS, Filebeat, Logstash

CREDENTIALS

Licenses

- Python Essential Training – LinkedIn Learning

Certifications

- AWS Certified Cloud Practitioner (*in progress*)