# Matthew J. Eng

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# EDUCATION Rutgers University, School of Arts and Sciences, New Brunswick, NJ

Sept 2021 - Present

Major: Computer Science

Anticipated Graduation: Spring 2025

Minor: Data Science

• 3.61 GPA, completed 36 CS credits

#### **EXPERIENCE**

#### Cybersecurity Intern, Omni Security Operations Center

June 2024 - July 2024

- Deployed Filebeat and Logstash to collect, process, and ship log data to Elasticsearch, utilizing AWS virtual machines for cloud-based scalability and efficiency
- Conducted Capture the Flag (CTF) exercises using Wireshark to analyze malicious network packet captures (PCAPs), focusing on DNS records, network service protocols, and TCP flags
- **Engaged** in tabletop exercises to conduct **incident response scenarios** and gain insights into threat actor tactics, techniques, and procedures (**TTPs**)

#### 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
- Consult with, provide recommendations, and escalate to full-time staff on an as-needed basis
- **Train** and **mentor** newly hired and promoted consultants

## Frontend Web Dev Project Member, Rutgers Enactus (non-profit club) Sept 2022 - Present

- Member of a student developer team that matches re-entering citizens to secure employment
- Execute weekly deliverables in support of project milestones
- Refine and improve the website and user interface
- Implement new features to diversify the website

#### **PROJECTS**

#### **Photos Organizer** – Java

- 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
- Implemented both JavaFX and Android Studio versions for cross-platform accessibility

#### 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)
- **Utilized** object-oriented programming principles in **Java** to **implement** features such as checking for illegal moves, detecting check, and identifying checkmate scenarios

### **LEADERSHIP**

# Taekwondo Instructor, SKY Taekwondo, Basking Ridge, NJ

July 2017 - July 2021

- **Instruct** students during classes (forms, techniques, self-defense, etc.)
- Ensure students follow fundamental taekwondo principles

#### Co-President, Build A Future (high school club)

September 2018 - June 2021

- Co-lead weekly meetings after school
- Generate donation ideas and activities to be completed during the weekly meetings

# SKILLS Computer Programming

• Java, Python, C, R, JavaScript, CSS, HTML, React, Firebase, Node.js, Git, Bitbucket

# **CERTIFICATIONS LinkedIn Learning**

Python Essential Training, Excel Quick Tips, PowerPoint Quick Tips, Learning Word 2019