

# Matthew Ngoy

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## EDUCATION

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### Kean University

Union, NJ

*Bachelor of Arts in Computer Science Cybersecurity Option*

*September 2023 – Current*

- Relevant Courses: Data Structures, Computer Organization and Architecture, Discrete Structures, Calculus, Computer Operating Systems, Program World Wide Web Server, Computer Systems, Technical Writing
- 2x Dean's List Recipient
- Association for Computing Machinery (ACM) Member
- Kean University Aerospace and Computing Club (KUAC) Member
- Women in Cybersecurity (WiCyS) Member

## EXPERIENCE

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### Expo Runner

August 2020 – April 2023

*Grillestone*

*Old Bridge, NJ*

- \* Maintained consistency and quality of dishes, promptly communicating issues to kitchen staff
- \* Exercised time management for customer orders within the food line and keen attention to detail to catch errors and inconsistencies before they reached customers
- \* Streamlined restaurant operations by monitoring order statuses and minimizing kitchen bottlenecks

## PROFESSIONAL DEVELOPMENT

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### Open Source Sprinter

May 2024 – May 2024

*PyCon US 2024*

*Pittsburgh, PA*

- Completed "Intro to Sprinting" Workshop learning about Git, Github, and version control
- Closed 2 pull requests from organizations including pyOpenSci and Hypothesis
- Collaborated with industry professionals for a more efficient solution
- Wrote a brief synopsis of modifications and presented to organization runners

### Computer Science Mentor "Code Samurai"

January 2024 – Current

*Kean University*

*Union, NJ*

- Position only attained through Professor recommendation
- Recommended based on exceptional performance within Data Structures and Computer Organization and Architecture Course
- Hosted weekly tutoring and advisement sessions related to Computer Science

### LSAMP Scholar

November 2024 – Current

*Kean University*

*Union, NJ*

- This achievement reflects dedication and potential in the STEM disciplines
- Attended GS-LSAMP Research Conference hosted at Rutgers University Fall 2024

## PROJECTS

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### Online Bank | *Java, Git, Github*

November 2022 – March 2023

- \* Developed and maintained the ATM class as part of a larger banking system project, applying agile development methodologies to ensure iterative progress and timely delivery
- \* Utilized exception handling to ensure system stability and continuity, effectively managing errors related to data retrieval and processing
- \* Collaborated closely with a team of developers, participating in daily stand-ups, sprint planning, and reviews, which improved project transparency and team synergy

## TECHNICAL SKILLS

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**Languages:** Java, Python, HTML/CSS, JavaScript

**Frameworks:** React, Node.js, Angular, Typescript, NextJS

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse