

[mahmoud-abd5](#)[mahmoud-abdel](#)

# Mahmoud Abdelaziz

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## EDUCATION

### Algonquin College – 3.95/4.0 GPA

Apr. 2025

*Computer Engineering Technology – Computing Science*

Ottawa, ON

- Captain and member of the Algonquin Men's Volleyball Team
- Athletic Scholarship for Academic Excellence (\$4,500) recipient

### Queen's University – 4.1/4.3 GPA

Sept. 2017 – Apr. 2021

*Bachelor of Science (Honours) – Specialization in Kinesiology*

Kingston, ON

- Fred Lamble Bartlett Memorial Award (\$8,000) recipient
- OUA Silver Medal competing for the Queen's Men's Volleyball Team

## EXPERIENCE

### Canadian Centre for Cyber Security

May 2023 – Present

*Software Engineer Intern*

Ottawa, ON

- Developing and deploying real-time analytics tools using Python, Apache Spark, and Kafka Topics to process streaming data.
- Integrating analytics tools with Superset to create user-friendly dashboards that are dynamic, explorable, and enable data-driven decision-making.
- Designing Azure-based cloud infrastructure for optimal performance of new data-intensive applications.

### Nokia

Jan. 2023 – Apr. 2023

*Software Engineer Intern*

Ottawa, ON

- Automated manual test cases on our cybersecurity product utilized by multiple billion-dollar clients using Java, Kubernetes, Cucumber, and Spring Boot.
- Developed and executed integration tests for RESTful web services using Java, ensuring seamless integration with our automation test system and product server.
- Led organization of Student Program events for over 150 students as a Nokia Student Ambassador.

## EXTRACURRICULARS

### Google Developer Student Club

June 2022 – Present

*Lead & Founder*

Ottawa, ON

- Led and grew chapter to over 170 members, and managed a core team of 10 members.
- Organized provincial hackathon with over 100 participating students and supervised team project development.
- Developed interactive workshops with Google Developer Experts for hundreds of students.

### Canadian Undergraduate Technology Conference

May 2022 – May 2023

*Activation Lead & Master of Ceremonies*

Ottawa, ON

- Managed and led team of 15 ambassadors from Universities across Canada.
- Spoke to an audience of over 200 students as the master of ceremonies at the main conference event.

### MentalMatters

Jan. 2019 – May 2021

*President & Founder*

Kingston, ON

- Created a mission for a new organization focused on improving the mental health of high school and university students.
- Worked collaboratively with Queen's University and local high schools to develop and deliver presentations and workshops to hundreds of students.

## CERTIFICATIONS, TECHNOLOGIES & INTERESTS

- **Certifications:** AZ-900: Microsoft Azure Fundamentals, Cisco: Cybersecurity Essentials
- **Technologies:** Java, Python, C, JavaScript, Azure, SQL, Apache Spark, Spring Boot, Linux
- **Interests:** Fishing, Volleyball, NBA, Astronomy, FinTech, Cloud, Cybersecurity