# Mahmoud Abdelaziz

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Computer Engineering student at Algonquin College who is eager to apply himself in the software development and computer engineering space. A highly motivated and easily adaptable team player with an innate entrepreneurial drive. A self-taught techie currently focused on learning Java, Python, SQL for data analytics, cloud tech, and cybersecurity fundamentals.

## CERTIFICATIONS

- Google Professional Certificate in Data Analytics (in progress)
  - 4/8 courses completed
- Google Professional Certificate in Project Management (in progress)
  - 2/4 courses completed
- Cisco: Introduction to Cybersecurity Course
- Cisco: Cybersecurity Essentials Course

## EDUCATION

**Algonquin College,** Ottawa, ON, Canada (2022-2024) ----- **Current GPA: 3.97/4**
*Computer Engineering Technology – Computing Science (Co-op)*

- Currently studying Data Structures and Algorithms, C, Processor Architecture, and Web Development
- Member of the Algonquin men's volleyball team
- Google DSC Lead for Algonquin College

**Queen's University,** Kingston, ON, Canada (2017-2021) ----- **2-year GPA: 4.1/4.3**
*Bachelor of Science (Honours) – Specialization in Kinesiology*

- Completed independent research-based thesis project in Exercise Physiology
- Athletic Entrance Scholarship ($2,000) in recognition of *'academic achievement and athletic excellence of student-athletes'*
- Fred Lamble Bartlett Memorial Award ($8,000) given to *'the student who best demonstrates a solid academic record in combination with integrity, leadership, and a sensitivity to and respect for the feelings of others'*
- Earned a silver medal at the Ontario University Athletics provincial final playing for the Queen's men's volleyball team

## EXPERIENCE

**Canada Border Services Agency** · Ottawa, ON, Canada [Two terms – Summer of 2018 and 2019]
*Occupational Health and Safety Advisor*

- Oversaw CBSA headquarters buildings as regional occupational health and safety advisor
- Used my knowledge of the Canada Labour Code and the National Joint Council Directive to work with clients and provided guidance on a case-by-case basis to branch and department management
- Developed a deep understanding of public sector infrastructure
- Briefed management on ongoing cases and provided summaries for recorded hearings with Health and Safety officers

**Arts & Science Undergraduate Society** · Kingston, ON, Canada [September 2019 – April 2021]
*Biomechanics Tutor*
- Taught and guided 20 students on how to approach problems in Biomechanics
- Provided advice based on my own experience to these students about managing stress and staying healthy in a high-stress environment
- Prepared students for quizzes, tests, and exams

**Human Vascular Control Lab** · Kingston, ON, Canada [January 2019 – April 2021]
*Research Assistant (Volunteer)*
- Ran testing protocols on over 100 participants and provided recommendations to primary investigators on optimizations
- Assisted in writing research proposals and manuscripts
- Collected large amounts of data and performed analysis and modelling of large data sets

**Campus Observation Room (COR)** · Kingston, ON, Canada [September 2019 – April 2021]
*COR Staff Member (Volunteer)*
- Set up and ran promotional events around campus to increase awareness of this resource at Queen's (marketing)
- Monitored individuals who are intoxicated and provided detailed reports to supervising healthcare staff on patient status

**Advocacy Group at Queen's University** · Kingston, ON, Canada [January 2019 – April 2021]
*MentalMatters Founder and Co-President (Volunteer)*
- I founded and managed MentalMatters with the mission to improve the overall mental well-being of secondary and post-secondary students through education, research, and resources
- Hired and managed an executive team for 2 years
- Built a website for the initiative
- Organized and delivered presentations on mental health to hundreds of high school students in the Kingston city area
- Worked cooperatively with Queen's University and other non-profit initiatives to develop events and resources for students

## SKILLS

- Strong aptitude for rapidly learning new technology and systems
- Excellent communications skills, both written and verbal
- Problem solving and analytical skills
- Demonstrated ability in technical writing and report generation

**Languages:** English and Arabic (fluent), French (intermediate)
**Programming Languages:** Java, Python, C, HTML/CSS, SQL
**Projects:** IP subnet calculator, Linux Admin Panel Shell Script, Chess movement simulator
**Interests:** Volleyball, fintech, cryptography, cloud technologies, competitive programming, fishing

**References available upon request.**