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PROFESSIONAL SUMMARY

Abdelrahman Soliman is a skilled computer science graduate with diverse programming experience, currently pursuing a Master's degree in Internet Security and working as a Research and Teaching Assistant at Carleton University.

WORK EXPERIENCE

Research And Teaching Assistant

Sep 2022 - Present

Carleton University • Ottawa, Ontario, Canada

My experience teaching Applied Cryptography and Authentication in Fall 2022 and Principles of Computer Network in Winter 2023 has been highly rewarding. Throughout the courses, I worked closely with students to ensure that they understood the course material and could apply it to real-world scenarios. I provided students with guidance and support, which helped them to achieve success and perform well in their assessments. Additionally, I was able to conduct research in the field of computer networks, which further enhanced my knowledge and expertise.

Software Developer

Sep 2021 - Sep 2022

ZADK Software Co. • Alexandria, Egypt

Created a mobile application for booking sports facilities. The application allows users to easily book and pay for sports facilities such as gyms, basketball courts, and swimming pools. The app includes features such as real-time availability, booking history, and user reviews, which have all been well-received by our users. I worked closely with the project team to ensure that the application was user-friendly, reliable and met all project specifications.

Software Developer

Aug 2020 - Sep 2021

Egyptian Armed Forces • Alexandria, Egypt

During my service, I was able to apply my skills to develop software applications and systems that directly supported military operations. I also gained valuable training in military skills, which have helped me to better understand the needs and challenges of military personnel. My time in the military has given me a greater appreciation for discipline, teamwork, and respect for authority.

Full-stack Developer Internship

May 2020 - Aug 2020

Information Technology Institute (ITI) • Alexandria, Egypt

I gained hands-on experience working with various web development technologies such as HTML, CSS, JavaScript, and PHP. I was able to apply my skills in developing full-stack web applications, which were well-received by both my colleagues and project stakeholders. Additionally, I was able to learn about agile development methodologies and collaboration tools, which have greatly improved my team working skills.

Software Developer Internship

May 2019 - Aug 2019

eSpace • Alexandria, Egypt

I had the opportunity to work on a variety of projects, ranging from small-scale web applications to large enterprise systems. I gained hands-on experience in software development methodologies and learned how to work effectively in a team environment. Additionally, I was able to apply my programming skills in real-world scenarios and worked with cutting-edge technologies such as React and Node.js. The internship has provided me with valuable insights into the software development industry and has enhanced my technical abilities.

Web Developer Internship

Jun 2018 - Aug 2018

Arab Petroleum Pipelines Company (SUMED) • Alexandria, Egypt

I have successfully developed a web application for managing and sharing the company's reports among managers. The application allows managers to easily access and view reports related to various departments and projects. Additionally, I integrated features such as search, filtering, and sorting to make the user experience more efficient and streamlined. The application was well-received by the project team and received positive feedback from the company's managers. Throughout the internship, I gained valuable experience in web development, project management, and communication skills, which I believe will be beneficial in my future career as a web developer.

Software Developer Internship

Jun 2017 - Jun 2017

Arab Academy for Science, Technology and Maritime Transport • Alexandria, Egypt

During my internship at the AAST Information and Documentation Center in Alexandria, Egypt, I successfully developed essential software applications and tools to manage and organize the center's digital resources. This involved working with various programming languages, including PHP, MySQL, and JavaScript, and undertaking web development and database management projects. Throughout the internship, I also honed my collaboration skills by working alongside other developers and staff members to ensure project objectives were achieved efficiently and effectively. The experience provided me with

invaluable hands-on training and expertise that I believe will prove beneficial in my future career as a software developer.

EDUCATION

Masters in Computer Science

Sep 2022 - Present

Carleton University • Ottawa, Ontario, Canada

Bachelor in Computer Science

Feb 2016 - Sep 2019

Arab Academy for Science and Technology • Alexandria, Egypt

I completed my B.Sc. in Computer Science from AAST, Alexandria, Egypt with a 3.93/4.0 GPA, ranking first in my class while acquiring diverse skills in programming languages, database management, and completing 20 projects across various computer science fields.

High School Diploma

Sep 2012 - Feb 2015

Al-Sulaymaniyah Secondary School • Riyadh, Saudi Arabia

I graduated high school with a 99.95% grade, completing my education early, which allowed me to pursue additional opportunities like internships and extracurricular activities to enrich my learning experience.

SKILLS

- Languages & Frameworks: Proficient in HTML, CSS, JavaScript, jQuery, Angular, React.js, REST APIs, Node.js, Ruby on Rails, PHP, C, C++, C#, Bash, Python, Rust, Go, Kotlin, Swift, Android, Java, and .NET Framework.
- Cloud Services: Experience with AWS Lambda, GCP, and AWS.
- Databases: Knowledge of MongoDB and MySQL.
- Machine Learning & AI: Skilled in Machine Learning and Artificial Intelligence (AI).
- Cybersecurity & Network Security: Well-versed in Cybersecurity and Network Security.
- Soft Skills: Proficient in Agile Methodologies, Analytical Skills, Critical Thinking, Attention to Detail, Creativity Skills, Time Management, Communication, Adaptability (Easily Adaptable), Leadership, and Teamwork.
- Project Management & Research: Capable of handling Project Management and Research tasks.
- Microsoft Office: Familiar with Microsoft Office Suite.
- Other Skills: Proficient in Git, Object-Oriented Programming (OOP), and Problem-Solving.

PROFESSIONAL CREDENTIALS

Deep Learning Specialization from DeepLearning.AI

Graduate Record Examination (GRE)

IBM AI Engineering Professional Certificate

IBM Cybersecurity Analyst Professional Certificate

IELTS Academic Certification

Machine Learning Certificate from Stanford University

Machine Learning Cross-Skilling Nano Certificate from MCIT

Machine Learning in Data Science Certificate from Harvard University

Math Olympiad Certificate at King Fahd University of Petroleum and Minerals

WES ICAP Evaluation

VOLUNTEER WORK

Head of Student Council

Sep 2013 - Aug 2014

Al-Sulaymaniyah Secondary School • Riyadh, Saudi Arabia

As Head of the Student Council, I organized diverse events, implemented new programs, and gained valuable leadership and teamwork skills to enhance the school community and academic performance.

Head of Scientific Section in Student Council

Sep 2017 - Aug 2018

Arab Academy for Science, Technology and Maritime Transport • Alexandria, Egypt

As Head of the Scientific Section in CCIT's Student Council, I led and organized events promoting scientific education, mentored students, and enhanced my leadership and organizational skills.

Student Volunteer

May 2015 - Sep 2016

Bibliotheca Alexandrina • Alexandria, Egypt

I participated in the YESBU and LYM programs to enhance youth capacity, raise scientific and environmental awareness, and prepare presentations on diverse topics.

Software Developer

Aug 2020 - Sep 2021

Egyptian Armed Forces • Alexandria, Egypt

In my military service, I developed software for operations while gaining valuable training, fostering discipline, teamwork, and respect for authority.

Event Organizer

Feb 2018 - Sep 2019

IEEE AAST Alexandria Student Branch • Alexandria, Egypt

Throughout the year, I took part in organizing and facilitating workshops and numerous small events. Additionally, I volunteered during LYC 18 and LYC 19. I collaborated with the IEEE team to develop our branch website completely from scratch.

Hospital Volunteer

May 2014 - Aug 2014

King Fahad Medical City - KFMC • Riyadh, Saudi Arabia

Assisting with administrative tasks, visiting patients, and helping with events and fundraisers.

Volunteer Tech Instructor

Jan 2020 - Jul 2020

Resala Charity Organization • Alexandria, Egypt

responsible for planning and teaching technology-related courses, developing training materials, supporting learners, collaborating with other volunteers, monitoring progress, and participating in training and development opportunities.

AWARDS AND HONOURS

AAST Full Merit-Based Scholarship for 7 Consecutive Semesters

2019

I am honoured to have been a recipient of the prestigious Full Merit-Based Scholarship for seven consecutive semesters from 2016 to 2019 at the Arab Academy for Science and Technology (AAST) in Alexandria, Egypt. This esteemed recognition not only showcases my unwavering dedication to academic excellence but also reflects the high standards of education at the AAST. The scholarship was granted based on my consistent demonstration of exceptional academic performance, leadership skills, and active involvement in extracurricular activities. As a result, I was able to immerse myself in a diverse and stimulating academic environment that fostered my intellectual growth and development.