

Abdullah Hassan

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SUMMARY

I am a dedicated Computer Engineer (B.Sc. CE.) with a dynamic vision aimed at pursuing an MSc in Cybersecurity and Artificial Intelligence. My unwavering passion lies in the realm of cybersecurity, and I am resolute in my pursuit of knowledge and expertise in this field. My academic journey has traversed a multitude of disciplines, encompassing mathematics, computer science, electrical engineering, computer engineering, hardware, artificial intelligence, and cybersecurity. This diverse foundation equips me with a comprehensive understanding of the intricate interplay between various facets of technology.

As I set my sights on the horizon, I seek to amass experience through engagement with challenging roles within the industry. This quest is driven by an unyielding desire to cultivate new proficiencies and elevate my skill set. I possess the confidence to make meaningful contributions as a valuable asset, leveraging my multifaceted expertise to propel the organizations I collaborate with toward excellence.

EDUCATION

American University in Dubai

Dubai, UAE

Bachelor of Science in Computer Engineering

Graduation Date: April 2023

- Awards: Dean's Honors List Fall 2021 *GPA: 3.74*
- Relevant coursework: Cybersecurity; AI; Machine Learning (ML); Computer vision; Computer Networks & Network Security (CCNA Equivalent); Cryptography: Encryption/Decryption, Digital Signature, Public & Secret Key Algorithms, Hash Functions & Blockchain Algorithms; IoT; Minor Equiv. in Mathematic: Multivariable Calculus, Statistics, Differentials, Probability, Linear Algebra, etc.; Computer Architecture; Microelectronic Devices and Circuits; Embedded System Design; OS Design & Scheduling Algorithms: Linux, Windows, MacOS; Digital Signal Processing; Digital Image Processing; Functional, Procedural, and Object-Oriented Programming; Data Structures and Algorithms; Software Engineering, Graphics, and Visualization etc.

Arab Unity School

Dubai, UAE

British Curriculum (8 O levels)

Graduation Date: April 2017

WORK EXPERIENCE

Verse Estate

Dubai, UAE

VR/AR Game Developer

May 2023 – August 2023

- Lead the development and maintenance of all the information security and risk management programs for all the projects of the team.
- Collaborated with Honda to build a web based augmented reality invitation system using Unity to reveal their new hybrid car.
- Built multiple virtual reality games in the company's metaverse real estate using Unreal Engine 5.
- Collaborated with a team of engineers to design and develop several projects.

SuperModule Startup

Dubai, UAE

Blockchain Developer

May 2022 – October 2022

- Ensured the safety of the data and information in the organization by developing a security plan and performing regular audits.
- Developed a token from scratch for the crypto market using Solidity.

- Lead and managed a developing team through meetings and connected their individual progress into one project through GitHub.

Wathaeq Mobile Application

Dubai, UAE

Chief Information Security Officer (CISO)

August 2021 – December 2021

- Ensured the complete safety of information in the startup which is crucial as the startup is a digital hub for all the user's sensitive data and documents.
- Developed and maintained information security and risk management programs.
- Interacted with stakeholders and briefed them about the information security concerns.
- Designed and built the website (and its security features) for the startup; collaborated with the team to design the front-end of the mobile application.

Freelance Work

Dubai, UAE

Programming

January 2020 – January 2021

- Trained junior-level university students C++ programming language and assisted in programming and debugging C++ and Python codes for several university projects for colleagues and professors.

PROJECTS

<https://github.com/engabdullahassan>

Cybersecurity: Developed and maintained information security and risk management programs, enforced BYOD policies, strengthened credentials etc. for several team projects. Packet sniffing, keylogging, decryption, encrypting images, log analyzing etc. for personal projects.

AI/Machine Learning/Deep Learning: Developed multiple machine learning algorithms for various projects including weapon detection system (Capstone project), mask detection system (during covid), face detection system, housing salary predictor etc.

Wathaeq Startup: Ensured the complete safety of information in the organization; Designed and built the website for Wathaeq startup; and assisted in building the application using React.

Relational Databases: Built a hotel database management system and a digital phone directory using MySQL.

SKILLS & INTERESTS

Programming Languages: Python | SQL | CLI & Shell Scripting: Windows PowerShell, Linux Bash | C++ | Prolog | Java | JavaScript | Solidity | HTML | Expo React Native | Lua | MATLAB | MS Office | ARM7 | Quartus | Packet Tracer | Linux | VHDL – VHSIC Hardware Description Language | MIPS

Software and Tools: Splunk | Google Chronicle | Wireshark | tcpdump | CISCO Packet Tracer | SolidWorks | Simulink | Intel Quartus | Tableau | Power BI | Google Data Studio | NI Multisim | Virtualization

Soft: Clear and concise communication | Experienced public in speaking and professional presentations | Team player with polished team leadership | Efficient time management and prioritization | Fast learner with an adaptable and open mindset | Effective problem solver with developed critical thinking skills | Endorsed by colleagues and professors for detail-oriented and methodical coding, documentation, and projects

Languages: English (Fluent), Arabic (Native), French (Beginner)

Interests: Cybersecurity, Machine learning, Investing, Gaming, Sports, Programming, Exercising and Working out.

CERTIFICATES

<https://www.linkedin.com/in/abdullah-hassan-99516523a/>

- Google Project Management Professional Certificate *August 2023*
- Google Cybersecurity Professional Certificate *July 2023*
- Cybersecurity Essentials by CISCO networking academy *June 2023*
- EZELINK Wireless Network Fundamentals & Architecture Training *May 2023*
- Introduction to Cybersecurity by CISCO networking academy *April 2023*