

Omar Tarek

Student

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Port Said, Egypt

Cybersecurity at Horus University with a strong foundation in programming, computer systems, and information security. Passionate about developing secure and efficient software solutions while expanding technical expertise in areas like network defense, ethical hacking, and AI-driven cybersecurity.

Education

Bs. Artificial Intelligence - Dep. Cyber Security at Horus University , Egypt

September 2024 - June 2028

Grade: 3.05

Focused on AI-driven cybersecurity, programming and system security. Building a foundation in software development, network defense, and data protection. Developing strong technical and analytical skills to pursue future roles in cybersecurity, software engineering, and network defense.

Skills

Programming Languages: C++, Java, Python, SQL

Cybersecurity: Network Security, Linux Command Line, Penetration Testing, Information Security Basics

Software & Development Tools: Visual Studio Code, Vim, Git, GitHub, Docker, Command Line Interface

Soft Skills: Problem Solving, Communication, Teamwork, Time Management, Continuous Learning

Projects

Chess Piece Guide (CPG) • [↗](#)

The Chess Piece Guide (CPG) is a discrete mathematics project developed for a college course. This Python application provides an interactive guide for learning about the movement rules of various chess pieces. The application features a graphical user interface (GUI) built with Tkinter, allowing users to navigate through different chess pieces, view their movement rules, and see visual representations of their moves on a 5x5 chessboard.

Certificates

Cyber Security 101 from TryHackMe

October 2025 • [↗](#)

Comprehensive introduction to cybersecurity fundamentals, covering both offensive and defensive concepts. Learned the basics of networking, cryptography, Linux, Windows, and Active Directory environments. Gained hands-on experience exploring ethical hacking techniques and defensive security practices through interactive labs and challenges.

Foundations of Cybersecurity from Google (via Coursera)

October 2025 • [↗](#)

An introductory course exploring the core concepts of cybersecurity, including security principles, threat types, and risk management. Developed practical understanding of the CIA triad, access controls, and cybersecurity roles across the industry.