

Ahmed Shacker Helmi

Cybersecurity Student & Data Analyst Trainee

📍 Alexandria, Egypt ✉ ahmedchacker@gmail.com ☎ 01200866039 in ahmed-shacker-helmi 📡 AS2812
🌐 TryHackMe

Education

Bachelor's Degree in Computer Science

Sep 2023 – Jul 2027

Alexandria University

Grade: 3.5879 CGPA

Activities: Volleyball, Pianist, Choir Member

Experience

Data Analyst Specialist Trainee

Alexandria, Egypt

Digital Egypt Pioneers Initiative (DEPI)

(Hybrid)

Sep 2024 – Present

- Analyzed large datasets using Python, SQL, and Tableau.
- Performed data cleaning, visualization, and report preparation.
- Collaborated with cross-functional teams to optimize data models.

Internship Trainee

Alexandria, Egypt

Information Technology Institute (ITI)

(Remote)

Sep 2024 – Oct 2024

- Developed foundational skills in Scratch, HTML, CSS, and CS50 fundamentals.
- Gained hands-on experience in web design and programming.

Intern

Alexandria, Egypt

Offense Crest

(Hybrid)

Aug 2024 – Oct 2024

- Learned cybersecurity, C/C++, Assembly, OOP, and networking fundamentals.
- Implemented AES encryption in Assembly on Linux.
- Strengthened analytical, problem-solving, and teamwork skills.

Internship Trainee

Alexandria, Egypt

Information Technology Industry Development Agency (ITIDA)

(On-site)

Sep 2024

- Completed certifications focused on innovation, entrepreneurship, and soft skills.

Internship Trainee

Alexandria, Egypt

CIB Egypt

(Remote)

Aug 2024 – Sep 2024

- Gained proficiency in Data Literacy and Digital Transformation.
- Developed leadership, teamwork, and communication skills.

Projects

Comprehensive Retail Analytics

Dec 2024

- Performed in-depth exploratory data analysis on retail sales data.
- Uncovered key insights on product performance and regional sales.
- Evaluated discount impacts and shipping mode effectiveness.
- **Repository:** github.com/AS2812/data_science

Customer Data Analysis (R)

Alexandria University

Project

- Built a Shiny application for analyzing customer behavior.

- Managed CSV file uploads and performed data cleaning.
- Created various visualizations and applied K-means clustering.
- **Repository:** github.com/AS2812/data.science

RansomSafe: AES Encryption and Ransomware Simulation Tool

Oct 2024 – Nov 2024

- Implemented AES encryption/decryption in C using OpenSSL.
- Designed a Python GUI with Tkinter to simulate ransomware attacks.
- Utilized socket programming for secure client-server communication.
- **Demo:** [LinkedIn Demo](#)

Front-End Projects:

- **Personal Portfolio Website:** Showcases skills and projects.
- **Twitter Clone:** Static interface mimicking Twitter's layout.
- **YouTube Clone:** Replicates YouTube's interface focusing on video content.
- **Repository:** github.com/AS2812/Front-end

Technical Skills

- **Programming Languages:** Python, C, C++, Assembly, Java, HTML, CSS, Scratch
- **Tools & Technologies:** SQL, Tableau, Jupyter, OpenSSL, Tkinter, Git
- **Domains:** Cybersecurity, Ethical Hacking, Penetration Testing (Red/Purple Teams), Network Security, Data Analysis, Full-Stack Development

Languages

- Arabic: Native or bilingual proficiency
- English: Limited working proficiency
- French: Professional working proficiency

Volunteering

Volunteer

Feb 2024 – Sep 2024

IEEE AlexCSC

- Participated in STEM promotion activities.
- Honored with an Outstanding Volunteer certificate by the IEEE Computer Society Student Chapter at Alexandria University.