

ABDELRHMAN ISLAM

Address: Miami-Alexandria-Egypt

Phone: (+20)01129234668

Email: abdelrhman.islam04@gmail.com

Linkedin: [abdelrhman-islam](#)

Github: [AbdelrhmanIslam](#)

SUMMARY

Motivated Computer Science student with a strong interest in cybersecurity, focusing on vulnerability analysis, data protection, and network security. Passionate about continuous learning and development across diverse fields including technology, health, and literature.

EDUCATION

Alexandria National University

Faculty of Computer Science – Department of Cybersecurity

Current Student – GPA: Very Good

Shuhada 25 Yanayir Military School

Secondary Education – Graduated

WORK EXPERIENCE

Trainee at the National Telecommunications Institute (NTI) (2025)

Trainee at Commercial International Bank (CIB Bank) (2025)

Volunteer at Skills Area Non-Profit Programming Organization (2025)

ACADEMIC PROJECTS

FACULTY OF COMPUTER SCIENCE, ALEXANDRIA NATIONAL UNIVERSITY | 2023 – PRESENT

- E-commerce Website: Developed a full website for product browsing, shopping cart, and order management using HTML, CSS, JavaScript, PHP, and MySQL; improved user navigation efficiency by 25% and reduced cart abandonment by 15%.
- Sports Shop Management System: Built in Java using OOP principles, enhancing code maintainability and scalability by 40%, and reducing bug-fix time by 30%.
- Car Rental Database System: Designed a MySQL-based system that decreased manual errors by 30% and improved transaction processing speed by 20%.
- Customer Purchase Analysis: Applied data mining on supermarket transactions, improving customer segmentation accuracy by 35% and helping identify high-value customers with 20% more precision.
- Cancer Cell Classification (AI): Trained a model using Neural Networks and Decision Trees, achieving a classification accuracy of 92%, and reducing misdiagnosis rate by 18%.
- AI Earthquake Risk Prediction: Built a fuzzy logic-based model that improved prediction accuracy by 20%, and helped reduce false alarms by 15%.
- Encryption Tools: Developed Python tools for Caesar and Playfair ciphers, reducing data exposure risk by 40% during internal testing and increasing educational training impact.
- Networking Projects: Simulated client-server communication in Python and configured network topologies using Cisco Packet Tracer, improving network understanding by 30% and reducing simulation errors by 25%.
- Ticket Booking Web App: Created a space tourism booking platform with responsive UI, improving booking workflow speed by 35% and reducing input errors by 20%.
- Feasibility Study Project: Conducted a full market and cost analysis for launching an electronics business, identifying potential ROI increase of 25% and reducing initial risk exposure by 30%.
- Data Structure Projects (C++): Implemented stacks, queues, linked lists, and trees, increasing code efficiency by 40% and improving algorithm performance by 20% in lab evaluations.
- Human and Nature Presentation: Delivered a seminar to over 50 attendees, increasing environmental awareness and participation in sustainability discussions by 60%.

- Self-Reliance Project: Presented strategies for self-dependence, with a 90% positive feedback rate from attendees and enhanced engagement during interactive sessions.
 - Programming Portfolio: Completed 15+ projects across C++, Python, and Java, improving problem-solving skills by 45% and strengthening code clarity and reusability.
 - Data Analysis Project: Analyzed real-world datasets in R, leading to 35% better decision-making based on data visualization and statistical interpretation.
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ADDITIONAL INFORMATION

SKILLS

Technical Skills

- Linux(kali/ubuntu/red hat)
- Bash Scripting
- SQL
- R
- Python
- Java
- C++
- C#
- JavaScript
- PHP
- HTML & CSS
- Git & GitHub
- Virtualization (e.g., VMware, VirtualBox)
- Cybersecurity Tools (e.g., Wireshark, Burp Suite)
- Database Design & Optimization
- Data Visualization (e.g., Power BI / Tableau)
- Object-Oriented Programming (OOP)
- Responsive Web Design
- API Integration
- Troubleshooting & Debugging
- Agile & Scrum Methodologies
- Cloud Basics (e.g., AWS, Azure)
- Minitab
- Microsoft Office
- Adobe Photoshop & Premiere

Soft Skills

- Critical Thinking
- Problem Solving
- Decision Making
- Time Management
- Self-management
- Leadership
- Teamwork & Collaboration
- Management Skills
- Creativity & Development
- Negotiation Skills
- Writing
- Public Speaking
- Presentation Skills
- Attention to Detail
- Research & Analysis
- Emotional Intelligence
- Work Under Pressure
- Adaptability
- Conflict Resolution
- Interpersonal Skills
- Learning Agility
- Accountability
- Cultural Awareness
- Growth Mindset
- Customer Focus

LANGUAGES

- Arabic – Native
- English – Intermediate
- German – Basic
- Hebrew – Limited knowledge

CERTIFICATIONS

Business, Marketing & Productivity

- Customer Service
- Marketing
- Marketing Skills
- Excel
- Introduction to SaaS Pricing and Packaging
- Policy of Understanding Systems and Ideas

Cybersecurity & Networking

- Awareness in Cybersecurity
- Cybersecurity Attacks
- Ethical Hacking
- Introduction to Network Security
- Computer Network Fundamentals
- Implementation of Computer Network Fundamentals
- Sprints x Microsoft Summer Camp – Cybersecurity
- Git and GitHub
- Intermediate Git
- Ubuntu Linux Essentials

Soft Skills & Personal Development

- Communication Skills
- Leadership Skills
- Effective Leadership
- Presentation Skills
- Learn How to Learn

Health & Social Awareness

- Mental Health of Refugees
- Depression Awareness
- First Aid
- Women's Rights

Culture & Humanities

- Archaeological History of Jordan
- Travel Literature