

Ahmed Mahmoud Ahmed Ahmed

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EDUCATION

Alexandria University, Faculty of Engineering

Expected Graduation: June 2026

Bachelor's of Engineering in Computer and Communications Engineering

CGPA: 3.74/4.0

EXPERIENCE

Telecom Egypt (WE)

January 2024 - February 2024

Artificial Intelligence Intern

Alexandria, Egypt

- Applied AI and ML techniques to solve real-world problems.
- Utilized TensorFlow and scikit-learn for algorithm design and model development.
- Employed data visualization tools such as Matplotlib and Seaborn for data interpretation and presentation.

Skills: Python, Artificial Intelligence, Machine Learning, Deep Learning, Data Processing, Computer Vision

PROJECTS

Circus Of Plates Game

[Github Repo](#)

Skills: Java Programming Language, Java Swing, OOP, Design Patterns, MVC

December 2023 - January 2024

- Implemented gameplay mechanics where players aim to stack three plates of the same color in a row to earn points.
- Integrated GUI elements from Java's Swing to enhance user interaction and experience.
- Applied design patterns such as MVC (Model-View-Controller) to maintain a separation of concerns and facilitate code organization.

Chess Game

[Github Repo](#)

Skills: Java Programming Language, Java Swing, OOP, Design Patterns, UI

November 2023 - December 2023

- Developed a fully functional chess game in Java.
- Created a backend that encapsulates game logic, ensuring independence from specific user interfaces.
- Integrated features like undo/restart functionality and move highlighting.

Inventory Management System

[Github Repo](#)

Skills: Java Programming Language, Java Swing, OOP

October 2023

- Conducted thorough testing and debugging to ensure the reliability, stability, and performance of the inventory system across various usage scenarios.
- Created role-based access control mechanisms to manage user permissions and restrict access to sensitive inventory data, ensuring data security.
- Constructed a user-friendly graphical user interface.

Library Management System

[Github Repo](#)

Skills: C Programming Language

December 2022

- Performed comprehensive testing and debugging to guarantee the dependability, robustness, and efficiency of the inventory system under diverse usage conditions.
- Established role-based access control strategies to regulate user permissions and limit exposure to sensitive inventory information, thereby reinforcing data security.

SKILLS

Programming Languages: Java, Python, C/C++, HTML, CSS

Software Development: Data Structures and Algorithms, Object-Oriented Programming, Design Patterns, SOLID Principles.

Libraries and Frameworks: NumPy, Matplotlib, Pandas.

Developer Tools: Git, GitHub, VS code, IntelliJ, PyCharm, Code::Blocks, NetBeans.

Languages: English, Arabic.