**Ahmed Hany**

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# Education

**Benha University** *Benha, EG*

Bachelor Of Computer Science and Artificial Intelligence, scientific computing department *Sept 2021 ‑ 2025* • **GPA:** 3.2 (B/B+ Average)

# Experience

**Scale AI** *Remotely*

Competitive Coding AI Trainer *July 2023 ‑ Sept 2023*

* Successfully completed 80 coding tasks with 100% accuracy, encompassing problem‑solving using C++ and Python.
* Formulated comprehensive test cases to validate coding solutions, ensuring the robustness and reliability of the AI training process.
* Generated high‑quality summaries and editorials for coding challenges, contributing to the development of an advanced generative AI model.
* Played a pivotal role in training a cutting‑edge generative AI model by addressing coding challenges in the Dolphin Project, aiding in the model’s enhancement.

Coding AI Model Tester *Sept 2023 ‑ Nov 2023*

* Conduct regular interactions with AI models for performance evaluation and accuracy assurance.
* Challenge AI with complex problems to assess its problem‑solving capabilities.
* Rate AI responses based on relevance, accuracy, and comprehensiveness.
* Deliver actionable feedback to development team for continuous model.

# Skill

**Languages:** C++ (advanced), Python (advanced), Jave (intermediate).

**Problem solving skills:** Searching techniques (Binary & ternary search), DP, Graph theory's & Trees.

**Concepts:**  Problem‑Solving, Competitive Programming, Data Structure, Algorithms, OOP.

**Data Bases:**  My SQL (Advanced), Oracle (intermediate).

**Data Visualizations:** Power BI, Matplotlib, seaborn.

**Data Analysis:**  Excel**,** Pandas and NumPy, Data cleaning, EDA.

**Machine learning**

**Soft Skills:** Time Management, Teamwork, Problem‑solving, Documentation, Engaging Presentation.

# Projects

1. **Data analysis projects:**
   1. **EDA & Data cleaning & Visualization & ML for data sets with Python:**
      * This [repo](https://github.com/ahmedhany14/Exploring-cleaning-visualizing-Datasets) contains 2 projects for EDA & Data cleaning & Visualization.
2. **C++ Projects:**
   1. **ATM System:**
      * Simple ATM system that supports creating bank accounts, Deposit money, withdraw money, and getting information about your account.
      * The system was designed by using C++ with using f-stream library to store the data in files.
      * Project link on git-hup: [link](https://github.com/ahmedhany14/ATM-System-Management-With-opening-file-and-save-data/tree/master)
   2. **Tik Tak Tok game:**
      * Simple XO Game that was designed by C++. 
      * Project link on git-hup: [link](https://github.com/ahmedhany14/XO)
   3. **Warriors battle Game:**
      * Simple game contains 3 levels, in each level 2 warriors get in fight until the game ends with winner. 
      * Project on git-hup: [link](https://github.com/ahmedhany14/Warrior-Game-play)
3. **Java Projects:**
   1. **Laptop Shop:**
      * Simple shop system that sells laptops, the system was designed by using Java and SQL server.
      * Project link on git-hup: [link](https://github.com/ahmedhany14/Lap_shp/tree/main/Computer_shop)

**VolunteerActivitie**

**ACPC BENHA Community** *BENHA, EG* Problem setter and contest creator *[Mar 2022: Present]*

# Achievement

**[Egyptian](https://icpc.global/ICPCID/3CB73T77JVUN) [Collegiate](https://icpc.global/ICPCID/3CB73T77JVUN) [Programming](https://icpc.global/ICPCID/3CB73T77JVUN) [Contest](https://icpc.global/ICPCID/3CB73T77JVUN)** *‘*

* 2X ECPC (2022 & 2023)
* Tenth Place on ECPC Qualification 2022 [(certification)](https://us.docworkspace.com/d/sIPz3_tSRAZuvuaoG)
* Seventy-ninth Place on ECPC 2022 [(certification)](https://us.docworkspace.com/d/sIEz3_tSRAeewuaoG)
* Eighth Place on ECPC Qualification 2023 [(certification)](https://us.docworkspace.com/d/sIND3_tSRAYOyuaoG)

**[ECPC](https://icpc.global/ICPCID/3CB73T77JVUN) Judge and Problem setter in 2023**

# Competitive Programming Profiles

* **[Code](https://codeforces.com/profile/OsamaAyman_) [Forces:](https://codeforces.com/profile/OsamaAyman_)** [Hany\_Jr](https://codeforces.com/profile/Hany_Jr)
* **[Leet](https://leetcode.com/OsamaAyman_/) [Code:](https://leetcode.com/OsamaAyman_/)** [Hany\_Jr](https://leetcode.com/Hany_jr/)
* **Kaggle:** [Hany\_Jr](https://www.kaggle.com/hanyjr)

## **Languages**

**English** Professional proficiency

**Arabic** Native proficiency