YARA EMAD ABDELSATAR

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OBJECTIVES

Computer Science & Data Science student passionate about programming, algorithms, and real-world problem-solving. Experienced in competitive programming (e.g., ECPC) and eager to grow in software development. Recently joined the UI/UX field through a scholarship by NTI, with a focus on user-centered design.

PROFESSIONAL EXPERIENCE

- **UI/UX Design Trainee – National Telecommunication Institute (NTI)**
  July 2025 - August 2025, Remote

  - Joined NTI's scholarship program to study the fundamentals of UI/UX and user-centered design.
  - Designed mobile app interfaces using Figma, applying wireframing, prototyping, and usability testing.
  - Gained practical experience in applying Design Thinking to real-life problems.
  - Worked on a team project focused on accessibility and user engagement.

- **Programming Contestant –ECPC Regional Competitions**
  2024 – 2025 | On-site & Online

  - Solved advanced data structure and algorithmic problems in regional competitive programming contests.
  - Collaborated with teammates under strict time pressure to design optimal solutions.
  - Honored with participation and performance certificates, showcasing strong problem-solving skills.

- **Freelance Projects (Personal Practice)**   **Ongoing**

  - Built multiple mini-projects using Java, OOP, and data structure implementations.
  - Applied self-learning to develop full console-based and GUI-based applications.
  - Continuously experimenting with new tools and concepts, including AI basics and UI/UX improvements.

EDUCATION

- Alexandria University – Alexandria, Egypt
  Bachelor of Science in Computer & Data Science, Data Science Specialization
  Start Date: 2024 | Expected Graduation: 2028
- GPA - 3.6

CERTIFICATIONS

- Honorable Mention – ICPC ACPC Kickoff Online Individual Contest | Issued: April 2025

- Object-Oriented Programming (OOP) Certificate – Hacker Rank | Issued: March 2025

- ECPC 2025 Team Participation Certificate – ECPC | Issued: August 2025

PROJECTS

- **E-commerce System (Java, OOP)**   **July 2025**

  - Built a mini e-commerce app using Java and OOP (abstraction, encapsulation, inheritance).

- Tools: Java, Array List, Polymorphism.

▪ **University Management System (Java, OOP)**   **April 2025**

   - Developed a Java-based system applying OOP concepts with robust design.

   - Tools: Java, Inheritance, Polymorphism, Hashing.

▪ **Animal Safety App (UI/UX, Figma)**   **August 2025**

   - Designed a mobile app for animal safety using Figma.

   - Applied UI/UX principles, built wireframes & prototypes.

   - Tools: Figma, User Research, Design Thinking.

▪ **ECPC Kickoff Contest 2025**

                                                        April 2025

   - Competed in a regional ECPC contest; solved advanced algorithmic problems.

   - Honorable Mention for top performance.

▪ **ECPC 2025 (On-site Team Contest)**

                                                        August 2025

   - Participated in ECPC 2025 as part of a team.
   - Received a participation certificate for competing on-site.

SKILLS

- Programming Languages: Java, C++, Python, R

- Core CS Subjects: Object-Oriented Programming (OOP), Data Structures, Artificial Intelligence (AI), Data Science, Computer Systems, Problem Solving

- Tools & Platforms: VS Code, IntelliJ IDEA, Code Blocks, NetBeans IDE

- **Interpersonal Skills** Teamwork, Communication Skills, Time Management & Working Under Pressure

- **Languages:** English B2, Arabic Native

Volunteering

HR Team Member – Hacker Rank Campus Club, Alexandria University

                                                        Jun 2025 - Present

- Supported the recruitment process by reviewing applications and assisting in interview scheduling and coordination.
- Collaborated with team members to organize and manage multiple technical and non-technical events, ensuring smooth logistics and attendee satisfaction.
- Improved **time management** by working under strict deadlines during peak academic periods.