

# TAREK AMR ELSHAWAF

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[GitHub](#) | [LinkedIn](#)

Heliopolis, Masr El Gdeda  
Cairo, Egypt

## EDUCATION

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### **Bachelor's Degree | Ain-Shams University**

Computer Sciences, major: Software Engineering

*September 2019 – Present*

### **High School Degree | Manarat Al Farouk**

National degree

*Graduated July 2019*

## PROFESSIONAL EXPERIENCE

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### **Dell Technologies**

Research & Innovation Software Engineer

*August 2022 – Present*

### **Excel Systems**

Software Engineering Intern

*September 2021 – October 2021*

## PROFESSIONAL TRAINING

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### **Trainee at ACM**

Training in Problem Solving using C++

### **Trainee at ApplAI**

Training in Python and Machine Learning

## PROGRAMMING SKILLS

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### **Programming languages:**

- C++
- C#
- Java
- Python
- JavaScript
- Ada

### **Concepts:**

- OOP
- Data Structures
- Algorithms
- Database Management
- Full Stack web development (Node JS, Mongo DB, Express)
- Android Development
- Design Patterns.

## PROJECTS

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### **Shoes E-Commerce Website**

**Description:** E-commerce full website where a customer can view and purchase shoes.

**Tools:** Full Stack web development (Node JS, Mongo DB, Express)

### **Mini-Uber Android Application**

**Description:** A mimic of Uber created by concepts like Inheritance and Design Patterns.

**Tools:** Android Studio (Java)

### **Team Task Manager**

**Description:** A management system which helps the team leader in assigning and editing tasks which the team members would view and update their status.

**Tools:** Java (OOP concept)

### **HTTP Server**

**Description:** HTTP server that handles users' requests.

**Tools:** C#

### **Club Management System**

**Description:** A system which allows the Club's employees to easily manage the club.

**Tools:** C#, SQL Database using Oracle

### **Employee Task Manager**

**Tools:** C++ (Data Structures concept)

### **Pacman game**

**Tools:** C++, Sfm1 library

## CERTIFICATES

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Excel Systems Internship [Link](#)

ApplAI Machine Learning Training [Link](#)

Agile Foundations Course [Link](#)

## EXTRACURRICULAR ACTIVITIES

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### **HR Specialist at ApplAI**

*September 2021 – Present*

- Manage department members
- Write reports and feedback
- Solve conflicts
- Organize and handle workshops

### **Volunteer at ASU Career Center EF'22**

*March 2022 – April 2022*

- Allow entrance to those who registered for the Employment Fair.
- Do on-spot registration to those who didn't register.
- Gained experience in events management and handling.