

# MOHAMED WAEEL ELTEIR

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## Summary

Enthusiastic software engineer with a deep passion for software development and a strong foundation in various programming languages. Equipped with knowledge in the .NET framework for building efficient and scalable applications as well as experienced in crafting clean code for efficient problem-solving.

## Education

### Alexandria University

September 2021 – May 2025

Bachelor of Science in Computer Science

GPA: 3.52

### Saint Marc College

May 2007 – August 2021

Diploma

GPA: 2.83

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Experience

### Sutherland

August 2023 – April 2024

Technical Support, AT&T

Alexandria, Egypt

- Provided exceptional technical support to a diverse client base, achieving a global ranking of 4th across all Sutherland employees.
- Gained comprehensive technical expertise in digital computing fields, enhancing troubleshooting and problem-solving skills.
- Diagnosed and resolved technical issues related to AT&T services, ensuring minimal downtime and customer satisfaction.
- Utilized remote desktop tools to assist clients with software installations, updates, and configurations.
- Documented support interactions and solutions in a detailed and organized manner to improve future service efficiency.

### Upwork

August 2019 – March 2020

Software Developer Freelancer

Remote

- Developed several websites for many clients that are being used till today.
- Assisted some of the clients with their existing websites and integrated some new features.
- Explored ways to visualize and enhancing my development with HTML, JavaScript, and CSS.

## Projects

### University Grades Notifier API | .NET

June 2024

- Developed an API that logs to my university's portal, fetches all grades and sends them in a push notification only if any grade has been revealed.

### Mini Search Engine | Python | GitHub

April 2024

- Created a basic search engine capable of processing and ranking documents based on relevance metrics such as Cosine-Similarity, Jaccard-Similarity, and others.
- Implemented Likelihood Models to enhance the engine's responsiveness and accuracy.

### Turing Machine Simulator | C++ | GitHub

October 2023

- Designed a console-based Turing Machine for my Theory of Computations course that behaves exactly like the actual machine.

## Achievements

### Egyptian Collegiate Programming Contest (ECPC) | 🌐

2023, 2024

Contestant

- Competed in the prestigious ICPC, enhancing problem-solving skills and algorithmic thinking.
- Twice finalist in regional qualifications contests, solving a wide range of complex algorithmic challenges.

## Technical Skills

**Languages:** C#, Java, C++, GO, Python, JavaScript, TypeScript, Julia

**Technologies/Frameworks:** ASP.NET, Jenkins, Jira, Docker, Git, GitHub, Postman, Express on NodeJS

**Programming Concepts:** Object Oriented Design and Programming, Data Structures, Algorithms

## Volunteer Experience

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### HackerRank Campus Club, AUFS

January 2024 – October 2024

*Head of the Backend track*

*Alexandria University*

- Served as the head and instructor for the back-end track, utilizing the .NET framework to teach and mentor students.
- Led a highly productive team that successfully completed multiple projects and significantly improved post-campus performance.
- Managed the executive board of 5 members, conducting weekly meetings to monitor and drive progress in key areas.
- Directed a chapter of over 20 members, focusing on community service, teamwork, creativity, academic excellence, and mentorship.