MOHAMED WAEL 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

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.