WAFA BDEIR

Software Engineering
Green Card Holder

PROFILE

Master's graduate in Computer Science with a 3.93 GPA from Oakland University. experienced in analyzing complex problems with strong background in programming and database management.
Team player. Technical oriented and eager to contribute to innovative solutions in multidisciplinary environments.

CONTACT

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WORK EXPERIENCE

Oakland University, Michigan, USA | Sep 2023 - Apr 2024
Teaching Assistant (TA):

- Guided undergraduate students in programming languages including C# and Java, through personalized support and problem solving.
- Assisted the students with their final projects.
- Improved student engagement by creating a supportive and interactive learning environment.
- Designed and facilitated workshops to enhance understanding of programming concepts and foster collaborative learning.

EDUCATION

2022-2024 Oakland University, Michigan, USA
Master of Science in Computer Science

2008 -2012 Princess Sumaya University for Technology, Amman, Jordan (ABET)
Bachelor of Science in Computer Graphics and Animation

COURSEWORK

Web Development Fundamentals
Udemy | October 2024

- Learned how websites work, including the roles of HTML, CSS, and JavaScript.
- Gained knowledge of how the internet works and how websites are served.
- Developed skills in Git, GitHub, and version control.
- Acquired troubleshooting and debugging techniques for development projects.

TECHNICAL SKILLS

- Programming Languages: C/C++, C#, Java, HTML/HTML5, CSS
- Database Management: MySQL, Oracle, JSP, Servlets
- Web Development: Node.js
- APIs: REST, GraphQL
- Tools & Technologies: Microsoft Office, Git, GitHub, Visual Studio, Eclipse
- Testing: White-box and black-box testing, Agile Testing

SOFT SKILLS:

- Strong Communication
- Collaborative Team Player
- Adaptability and Flexibility
- Troubleshooting & Creative Problem Solving

PROJECTS:

- Comparison of Different Implementations of Quicksort: Analyzed various Quicksort algorithms for efficiency and performance. (Computer Architecture Class)
- Michiganders Real Estate Website: Developed a dynamic real estate platform with database integration. (Database Class)
- SMS Security: Implemented security features to protect SMS communications. (Information Security Class)
- Child Task Tracker System: Designed a system for tracking and managing child tasks. (Object- Oriented Analysis and Design Class)
- Patient Tracker System: Created a system for managing patient data and tracking. (Software Engineering Class)
- Integrated Movie Management System: Developed an advanced web application for managing movie collections. (Advanced Web and Design Class)
- Child Task Application Testing: Conducted white-box and black-box testing for a child task management application. (Software Verification and Testing Class)