Eman Afi

Computer Engineering & Master's Student in Software Engineering

✉ emansarahafi@gmail.com

🏠 10 Rue el Ansar, Cité La Gazelle, Ariana 2083

📅 Date of birth 10/13/2000

🔗 www.linkedin.com/in/emansarahafi/

📍 Grand Tunis Metropolitan Area

📱 20 112 182

Languages

Arabic
Native or Bilingual Proficiency.

English
Native or Bilingual Proficiency.

French
Full Professional Proficiency.

Spanish
Elementary Proficiency.

Assets

Analytical Skills

Communication Skills

Problem-solving Skills

Time Management

Teamwork

Computer skills

Web Development (HTML, CSS, PHP, JavaScript, ReactJS, NodeJS, ExpressJS, MAMP & WAMP).

Programming Languages (C/C++, Java, JavaScript, PHP, Python, & Swift).

Mathematical Computing and Simulation (MATLAB & Simulink).

Frameworks & Libraries (JavaFX & SwiftUI).

Database Management (SQL, MySQL, Awardspace, MongoDB, Cassandra & Firebase).

Development Tools and Environments (Emu8086, Intel Quartus Prime, Eclipse, Visual Studio & XCode).

Visual Modeling and Design (Figma, Visual Paradigm & Draw.io).

Assembly Languages (ARM & x86).

Microcontroller and Embedded Systems (EasyPICv7, Arduino, Raspberry Pi & Embedded C Language).

Hardware Description and Simulation (VHDL, LogicWorks, LogicAid, SimUAid, Logisim & Proteus 8).

Microsoft Office

A computer engineering graduate from the American University of Bahrain (AUBH) who is currently pursuing a Master's Degree in Software Engineering at MedTech & is searching for an internship or part-time job opportunity to enhance her skills & gain further insight into the industry,

Work experience

Summer Research Intern

From July 2024 to September 2024
ACTIA Engineering Services Ariana Governorate, Tunisia
Responsible for the development of an adaptive navigation system for semi-autonomous vehicles by considering the constraints of safety and operational efficiency.

Software Engineer Intern

From May 2024 to September 2024 Savy Manchester, England, United Kingdom
Responsible for developing a ZohoSalesIQ chatbot, connecting it to a React Native mobile application and web application (MERN stack) to manage UK taxes, and integrating the web application via Zoho Sites.

Student Teaching Assistant

From March 2023 to May 2023
American University of Bahrain (AUBH) Riffa, Southern Governorate, Bahrain
Assisting in executing during Spring 2023 the Software Design & Engineering Lab (CMPE 460/L) course & the primary responsibilities are the following:
- Conducting tutorials, labs, or review sessions.
- Grading homework, assignments, exams, or projects.
- Providing feedback to students.
- Preparing answer keys or supplementary notes.

Student Intern

From June 2022 to August 2022 Tashfeen Engineering Solutions Tunis, TU, Tunisia
Worked on developing an application called GuideForm for surveying senior engineering college students in Bahrain to expand Tashfeen Engineering Solutions in the Middle East.
The interface also allows the user to access the survey, information about the company & software online, and graphs of the collected data from the survey.

Education

Master's Degree in Software Engineering

From September 2023 to June 2025
South Mediterranean University (SMU) Tunis, TU, Tunisia
Member of:
- Google Developers Student Club SMU (GDSC SMU).
- IEEE SMU Student Branch (Part of the CS & RAS chapters and the WIE affinity group).

Bachelor of Science (BSc) in Computer Engineering

From September 2019 to May 2023
American University of Bahrain (AUBH) Riffa, Southern Governorate, Bahrain
- Partial scholarship recipient of 45%.
- Part of the Dean's List in Fall 2019/2020, Spring 2019/2020 & Fall 2020/2021.
- Represented the university in the Jaguar Land Rover Bahrain Young Creatives Initiative from November 2019 to December 2019.
- Participated in two AUBH's Poster Presentation Session editions: CMPE 390: Introduction to Machine Learning & Data Analytics (2021) and COSC 348: Mobile Programming 1 (2022).
- Member of the university's IEEE student branch from 2021 until graduation.

Baccalauréat Scientifique

From September 2016 to June 2019
École Internationale de Tunis (EIT) Tunis, TU, Tunisia
- Worked with a South Korean high school for a global collaborative learning program tasked by IVECA in 2018.
- Founding member & speaker at the high school's TED-Ed club in 2018.
- Always ranked in the top 3 highest ranks in class during high school.

Haitham Tayyar
Assistant Professor in Computer
Engineering, American University of
Bahrain (AUBH)
haitham.tayyar@aubh.edu.bh

Raja Ghozi
Associate Professor in Computer
Engineering, American University of
Bahrain (AUBH)
raja.ghozi@aubh.edu.bh

Voluntary experience

EwA Team Leader

From September 2021 to December 2021

AIESEC in Bahrain Hidd Town, Muharraq Governorate, Bahrain

Responsible for youth engagement & experience with AIESEC, SOPs implementation, and customer journey mapping & leading and guiding the team members and shaping their experience.

Marketing Team Member

From February 2021 to August 2021

AIESEC in Bahrain Hidd Town, Muharraq Governorate, Bahrain

Responsible for co-creating and implementing virtual and physical local MKT activities and building the brand on campuses.