

Eman Afi

## Computer Engineering Graduate

✉ emansarahafi@gmail.com  
🏠 10 Rue el Ansar, Cité La Gazelle, Ariana 2083  
📅 Date of birth 10/13/2000  
🔗 [www.linkedin.com/in/emansarahafi/](https://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

Productive

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.

### 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 throughout the three years at high school.
- Received several school awards for class rankings & academic achievements.

### Work experience

#### 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, Tunisia  
Worked on developing an application called GuideForm, which is for surveying senior engineering college students in Bahrain for the purpose of expanding Tashfeen Engineering Solutions in the Middle East.  
The interface also allows the user to not only access the survey, but also information about the company & software online, and graphs of the collected data from the survey.

---

**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.