

# MOHAMAD MAZEH

Hamra, Beirut, Lebanon | mmm163@mail.aub.edu | Tel: +961 81 878 491

## EDUCATION

---

**ME in Electrical & Computer Engineering** (Concentration in AI & Machine Learning) 2025 – Present  
American University of Beirut, MSFEA

**BE in Computer Engineering** 2019 – 2024  
Beirut Arab University

## EXPERIENCE

---

**American University of Beirut, MSFEA** January 2025 – Present  
Graduate Research Assistant

- Conducting research in fairness-aware machine learning, differential privacy, and federated learning frameworks.
- Working on privacy-preserving synthetic data generation for distributed and collaborative AI systems.
- Developing and evaluating methods for equitable data sharing and training in decentralized environments.

**EFREI Paris Pantheon-Assas University, EFREI Research Lab, France** July 2024 – October 2024  
Intern Researcher

- Researched visual field loss conditions and visual field test data.
- Developed a GRU model and a VR-based vision correction tool using Meta Quest 2.
- Implemented a home-based Humphrey Visual Field (HVF) test simulation.

**Equitick Financials, Beirut** June 2023 – July 2023  
Intern Backend Developer

- Developed trading software using C# and MetaTrader 5 SDK.
- Enhanced financial software performance and user experience.

## SKILLS

---

- **Programming:** Python, C#, Java, C, Unity, MySQL
- **Languages:** Arabic (Native), English (Fluent)
- **Soft Skills:** problem-solving, time and project management, analytical thinking.

## ACADEMICS & ACTIVITIES

---

- **HUAWEI China Digital Tour** June 23, 2024 – July 1<sup>st</sup>, 2024  
Visited Shenzhen and Shanghai; attended expert-led sessions and toured high-tech campuses.
- **HUAWEI Seeds for the Future Program (Qatar)** September 1<sup>st</sup>, 2023 – September 10, 2023  
Trained in 5G, AI, Cloud Computing, and Digital Power; participated in Tech4Good competition.
- **Project Citizen Training & Showcase (Amideast Lebanon)** September 30, 2018  
Promoted digital literacy among elderly; presented project at LAU.
- **English Access Microscholarship (Amideast Lebanon)** 2016 – 2018  
Completed program focused on English fluency. This program included volunteering and social work.