

Hussameddine Al Attar

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Education

BEng in Computer and Communications Engineering 08/2020 – Present (Expected 06/2024)

American University of Beirut

Cumulative GPA: 3.65/4

Placed on AUB MSFEA Dean's Honor | Fall Semester (2021), Spring Semester (2022), and Fall Semester (2022)

Relevant courses:

- Design and Analysis of Algorithms
 - Introduction to Machine Learning
 - Web Services in the Cloud
 - Web, Mobile, and App Development
- Data Structures and Algorithms
 - Software Engineering
 - Computer Networks
 - Computer Organization

Baccalaureate in General Sciences 10/2005 - 06/2020

Saint Mary's Orthodox College

Cumulative GPA: 17/20

Received the Physics Award | 2020

Projects

Chatting Service .NET Core Web App 02/2023 - Present

Build and test the backend of a Chat Service Web Application using .NET Core, deployed to Azure Web Service, with Cosmos DB NoSQL and Azure Blob Storage as database and storage, while employing CI/CD.

Data-to-Text Generation Machine Learning NLP Project 09/2022 - 12/2022

Fine-tune Google T5-Base Model to process diacritics and accented letters, and to handle up to 5 triples at once
Python, Pandas, NumPy

Sorting Algorithm Visualization 10/2022 - Present

Visualize popular sorting algorithms (Merge Sort, Bucket Sort, Insertion Sort) in ascending or descending order
Python, PyGame

CPU Instruction-Memory Initialization 06/2022 - 08/2022

Initialize processor instruction memory to a chosen assembly program while adhering to memory-size constraints
Python, VHDL, RISC-V Assembly

Extracurricular Experience and Certifications

Outlook Newspaper Staff Writer | AUB Outlook Newspaper (English Section) 11/2022 – Present

IEEE Member at Large | IEEE AUB Student Branch 10/2022 – Present

Cogs and Caffeine Content Writer | AUB Faculty of Engineering and Architecture 10/2022 – Present

IEEEXtreme Technical Team Member 10/2022 - 12/2022

Second Place in Robotics Summer Camp | American University of Science and Technology 08/2019

Model United Nations: Certificate of Participation | 14th GC LAU MUN Annual Conference 2019

Physics Photography Competition: Certificate of Participation | LAU 6th Annual Arts & Sciences Fair 2019

Certificate of Completion of Level 2: Advanced Life Skills | The Council Leadership Academy 2019

Diplôme d'Etudes en Langue Française (DELFI): B1 2018

Customer Service Officer | AUB Medical Center 07/2017 - 08/2017

Skills

- C++
 - HTML
 - Git
- C#
 - CSS
 - Unity
- Python
 - Javascript
 - MATLAB
- .NET Core
 - React
 - RISC-V Assembly

Languages

- English (Native or Bilingual Proficiency)
 - Arabic (Native or Bilingual Proficiency)
 - French (Professional Working Proficiency)
 - Spanish (Elementary Proficiency)