

Maher Abbass

Senior Computer Science Student

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EDUCATION

AMERICAN UNIVERSITY OF BEIRUT

BACHELOR'S IN COMPUTER SCIENCE | FULL SCHOLARSHIP COVERED BY USAID
Sep 2020 - May 2024 | Beirut, Lebanon

EXPERIENCE

DOT LEBANON | UX/UI DESIGNER

May 2023 - Nov 2023 | Lebanon

- Contributed to digital innovation and EdTech solutions under the supervision of Senior Learning Officer focusing on tasks assigned through weekly online meetings for the learning platform.
- As a UX/UI intern, designed and implemented interface improvements for DOT's learning platform using HTML and CSS, completing weekly assigned tasks independently.

KHADDIT BEIRUT | WEB DEVELOPER

Nov 2021 - Dec 2021 | Beirut, Lebanon

- Contributed to the development of several web pages on Khaddit Beirut website utilizing the WordPress platform.

PROJECTS

CODE GENIUS | FINAL YEAR PROJECT

Jan 2024 - Present

- A web app that produces code from user tests and descriptions, ensuring it compiles and meets those tests.
- Conducted unit testing for our project's evaluation and utilized Jest for comprehensive automated test coverage.
- Refined the prompt for interacting with LLMs using prompt engineering strategies.

CORRUPTION DETECTION | DATA SCIENCE

Nov 2023 - Dec 2023

- Analyzed a hypothetical AI-generated dataset simulating corruption-related transactions using complex systems and network science methodologies.
- Utilized a systematic framework to dissect and understand the intricacies and patterns within corruption networks, enhancing analytical skills in network analysis.

WEATHER DETECTION | DATA SCIENCE

Nov 2023 - Dec 2023

- Weather models use diverse factors to learn patterns, adapt, and make accurate forecasts, enhancing reliability.
- Implemented and analyzed the models by incorporating variables like historical data, atmospheric pressure, and humidity, enabling the identification of patterns and correlations for accurate temperature forecasts.

AUB CAFÉ | WEB DEVELOPMENT

Feb 2023 - May 2023

- A cafeteria React JS application designed for the software engineering course at the American University of Beirut.
- My role concentrated on frontend development to enhance user experience and design, along with integrating and implementing the Stripe payment method for secure transactions on the website.

SKILLS

TECHNOLOGIES

Languages:

Java • Python • JavaScript • R
• C • HTML/CSS

Frameworks:

React.js • Next.js • Node.js •
WordPress

Databases:

MySQL • MongoDB

Tools:

Git • GitHub • Docker • Vscode
• Jest • Postman

Additional:

Unix OS • Functional
programming • Parallel
programming • Agile/Scrum

LANGUAGES

Arabic (native) • English
(Fluent)

SOFT SKILLS

Teamwork • Public Speaking

EXTRACURRICULAR

ACTIVITIES

VOLUNTEERING

MMKN NGO | Volunteer | Oct
2020 - Jun 2021

A physics tutor for middle
school students.

Khaddit Beirut | Nov 2021 -
March 2022

IT Workshops Co-Instructor
and website developer.

WORKSHOPS

Presentation and public
speaking, Job Readiness,
Stress Management, Digital
Media, Lebanese Public
Administration & Taxation
System, Reflective Writing,
Reflective e-Portfolio,
Community Service Project,
Investment.