

Yacoub Haddad

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I am currently a MSc Computer Science with Industrial Placement student at the University of East London. My studies provided me with a good foundational knowledge of Data Structures and Algorithms and helped me think and solve problems like a programmer. I have experience from the tech industry working with JavaScript and have demonstrated my ability to work independently and produce projects in a team. I am actively seeking to join a forward-thinking company where I could utilise my skills and enrich my knowledge.

Key Skills & Achievements

Languages

- JavaScript, React, Java, Python, HTML& CSS, SQL.

Certifications

- Hackerrank Problem Solving Coding Certification 2022
<https://www.hackerrank.com/certificates/34fc527b3430>
- Data Structures and Algorithms: Deep Dive Using Java 2022
<https://www.udemy.com/certificate/UC-478b0815-19fe-4499-8d90-9167e5215e1a/>

Projects

- Project: Banking App
A text-based banking app where you can add multiple branches, customers, add and view transactions.

Education

MSc Computer Science 2021 - Present

University of East London

- Modules: Artificial Intelligence and Machine Vision, Machine Learning and Big Data, Big Data Analytics, Intelligent Systems.
- Project: Big Data
My group and I had to analyse and interpret big data using PySpark using different analytical methods and design and build a machine learning technique.
- Project: Advanced Software Engineering
My team and I had to find an open-source software and to add new features and improve the software.

BSc Computer Science (HONS) 2018 - 2021

University of East London

- Modules: Advanced Programming, Data Structures and Algorithms, Maths for Computing, Web Technologies, Information Systems Modelling and Design, Data Communications, and Networks, Work Based Learning.
- Project: Hand Gesture Recognition
Developed an application using Python and the Open-CV library to track and recognize different hand gestures using different datasets.
- Project: Football League Management
A football management system where you can track team points, add, and delete teams.
- Project: Data Structures & Algorithms
My team and I created a Java Application to find the optimal solution for the Research Evaluation Framework (REF). Where I have learned and applied the Big-O concepts and understood the performance of an algorithm plays a key role.

Employment

University of East London – London

May 2022 - Present

Student Ambassador

Oreo Studio – London

Jan 2020 - Jun 2020

Frontend Developer (Internship)

- Primary responsibilities included determining the structure and design of the webpage.
- Developed features to enhance the user experience.
- Ensured that the website is enhanced for all devices.
- Optimized the webpages for efficiency.
- JavaScript, HTML & CSS

Other Experience

- Facebook and Google Ads for Instagram pages.

Hobbies & Interests

- I enjoy playing football as it keeps me socially active, mentally sharp, and physically fit, and I also go to the gym.

References

- Available upon request