

Mehdi Gourari

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Education

Queen mary university of london

Sept 2022 – Jun 2025

BSc honours Computer Science (expected first class 2025)

- **grade:** expected first class
- **Coursework:** Algorithms and data structures, object oriented programming, software engineering

Queen mary university

Sept 2021 – Jun 2022

foundation in science and engineering

- **grade:** first class 84/100

Technical strengt

Languages: Python, JAVASCRIPT, JAVA, HTML, CSS, SQL, PHP

Tools and libraries: React, Next.js, Llamaindex, Git, Version control, Vscod, Node.js, Numpy, Pandas

Projects

Trading platform

[Mehdi00-7/TradeK 2](#)

- Built a trading platform using Next.js.
- Gained key skills in API integration, authentication, and forum development.
- Developed a secure and interactive application with modern web technologies.

Surfing app

[Mehdi00-7/SurfAPP 2](#)

- Created a React-based weather app tailored for surfers.
- Features include real-time surf conditions (wave height, swell direction, wind speed, tide information).
- Provides location-based forecasting, customizable alerts, and community sharing features.

Rag chatbot

[Mehdi00-7/EECSChatbot.git 2](#)

- Developed a RAG chatbot using LlamaIndex for university's EECS department queries.
- Integrates with departmental resources for accurate, context-aware responses.
- Enhances accessibility to essential information for students and staff.

Experience

Lab demonstrator

Queen mary university
SEP2023 – DEC2023

Logic and discrete maths

- Facilitated lab sessions for first-year computer science students, offering comprehensive support and guidance with logic and discrete mathematics module.

Vice president

Queen mary university
SEP2023 – JAN2024

Machine learning society

- Spearheaded the organization and execution of workshops, seminars, and hackathons, enhancing members' practical knowledge in machine learning.

Volunteer

Queen mary university
SEP2022 – SEP2022

Student Union

- Assisted in guiding new students to discover the university's campus