


MOHAMED EL TAHECH

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OBJECTIVE

Motivated and detail-oriented Master's student in Computer Science at the Lebanese University, with a solid foundation in programming, software development, and object-oriented programming. Seeking an internship to apply my skills in designing efficient solutions, enhance my expertise in emerging fields like artificial intelligence and cybersecurity, and contribute to innovative projects in a dynamic development environment. Passionate about learning and collaborating within a professional team to drive impactful results.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python.
- **Web Development:** HTML, CSS, JavaScript, React.
- **Database Management:** SQL.
- **System administration:** Linux (User management, File systems, Networking basics)
- **Version Control:** Git, GitHub.
- **Software Development:** Object-Oriented Programming (OOP), Data Structures, Algorithms.
- **Relevant Courses:** Software Engineering, Mobile Application Development, Databases, Imperative Programming, Web Development, Operating Systems, ASP.NET.

PROFESSIONAL EXPERIENCE

Programming tutor

May 2024 - Present

Self-employed

- Provided personalized tutoring to university students, helping them master the fundamentals of programming in C.
- Delivered one-on-one tutoring sessions tailored to each student's needs, ensuring a thorough understanding of the concepts covered.
- Assessed students' progress through tests and offered constructive feedback to foster continuous improvement.

EDUCATION

2024-2025 Master's in Computer Science (expected in 2025), Lebanese University - Hadath

2021-2024 Bachelor's in Computer Science, Lebanese University - Hadath

2019-2020 Baccalaureate in Life Sciences, Lycée Pascal - Barja

CERTIFICATES

- **Machine Learning, Data Science, and Generative Artificial Intelligence with Python (In Progress)**
Udemy course by Frank Kane covering machine learning, data science, TensorFlow, GPT, OpenAI, and neural networks.
Certification expected: february 2025
- **Learn Ethical Hacking from Scratch (In Progress)**
Udemy course by Zaid Sabih designed to teach ethical hacking, malicious hacking techniques, and securing systems like a cybersecurity expert.
Certification expected: january 2025
- **Intermediate to Advanced Python with 10 OOP Projects**
Udemy course by Ardit Sulce covering everything needed to master Python: Object-Oriented Programming (OOP), Git, APIs, databases, deployment, adherence to PEP8 standards, and more.
Course duration: 23.5 hours

PROJECTS

1.PROJECTS COMPLETED THROUGH UDEMY TRAINING

- **AppPhoto Sharing Application via Webcam:** Developed an application to capture and share photos through a webcam with an intuitive interface (OpenCV, Kivy).
- **Calorie Calculator:** Built a tool for estimating personalized caloric needs based on user data (Flask, Python).
- **Email Automation:** Created a system for bulk and personalized email sending with attachments (yagmail, pandas, RESTful API).
- **Python Package Deployment (Weather Library):** Designed and deployed and modular package PyPI(setuptools, twine).

2.PROJECTS DEVELOPED DURING UNIVERSITY STUDIES

- **University Management System:** Designed an application for managing student records using SQL, Java, and JavaFX. Enhanced data entry, retrieval, and report generation to improve student tracking efficiency.
- **Library Management in PHP:** Created a web application for managing books, integrating a database for book entries and user interactions. Highlighted skills in backend development and database management.

3.SELF-INITIATED PROJECTS

- Developed games such as Hangman, Tic-Tac-Toe, and a Guessing Game using HTML, CSS, and JavaScript.

LANGUAGES

- **Arabic:** Fluent in speaking and writing (native language).
- **French:** Advanced proficiency (DELF B2).
- **English:** Intermediate level (good understanding and basic communication skills).