

# ELHADJ LARBI BENYAKHOU

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## Personal Information

**Date and place of birth:** September 26, 2002 in Mascara, Mascara, Algeria.  
**Nationality:** Algerian  
**Residency:** Currently in Algeria  
**Marital status:** Single

## Education

### University of Mustapha Stambouli

Mascara, Algeria

Master's Degree (LMD) in Information Systems and Web Technologies

Sept 2022 - July 2024

- Courses:** Advanced Web Programming, Client-Server Architecture, Geographic Information Systems, Advanced Software Engineering, Data Mining, Machine Learning, Deep Learning Research Methodology and Synthesis, Large-Scale Distributed Systems, Knowledge Capitalization and Management, Image Processing, Software Validation and Testing, Advanced Networks, Information Systems Security and Cryptography, Interoperability of Information Systems, Ontologies and Web Services, Information Systems Audit.

### University of Mustapha Stambouli

Mascara, Algeria

License Degree (LMD) in Information Systems, Computer Science

Sept 2019 - July 2022

- Courses:** Algebra, Analysis, Operating System, Human-Computer Interface, Machine Structure, Coding, OOP, Graph Theory, Software Engineering, Semantic Web, Mobile Development, Probability and Statistics, Algorithms and Data Structures, SQL Databases.

### Emir Khaled High School

Mascara, Algeria

Baccalaureate Degree

Sept 2016 - July 2019

- Grade: Very Good
- Specialized in Technical Mathematics with Civil Engineering

## Work Experience

### YourIT Department (<https://youritdepartment.tech/>)

Algiers, Algeria

Full Stack Developer

October 2023 - February 2024

- Developed web applications using React.js for the frontend and Express.js for the backend.
- Implemented RESTful APIs to communicate between the frontend and backend systems.
- Collaborated with team members to design and implement software solutions according to client requirements.
- Participated in code reviews and contributed to improving code quality and development processes.
- Troubleshooted and debugged issues to ensure smooth operation of web applications.
- Deployed applications to production environments and monitored performance.

## University Projects

### Online Invoicing System (MFACT)

Mascara, Algeria

(<https://houcine-gaid.com/MFACT/startup-website-template/index.html>)

Universite of Mustapha Stambouli

Mar 2023 - Feb 2024

- Developed an online invoicing system to facilitate billing processes for businesses.
- Implemented features for generating and sending invoices electronically.
- Integrated secure payment gateways for seamless transactions.
- Technical Skills:** HTML, CSS, JavaScript, Php, Mysql.
- Soft Skills:** Teamwork, Problem-solving, Communication.

### Platform for Managing Teachers' Hourly

Mascara, Algeria

Charges(<https://www.univ-mascara.dz/horaire/>)

Universite of Mustapha Stambouli

Jan 2023 - Dec 2023

- Designed and developed a platform for efficiently managing and tracking teachers' hourly charges.
- Implemented features for scheduling, recording, and analyzing teaching hours.
- Integrated user-friendly interfaces for both teachers and administrators.
- Technical Skills:** React.js, Express.js, MySQL.
- Soft Skills:** Project Management, Attention to Detail, Collaboration.

## Achievements

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### First place in the AI Development competition

Universite of Mustapha Stambouli

Mascara, Algeria

Dec 2023

### First place in the national Drone competition

Universite of Tissemsilt

Tissemsilt, Algeria

Dec 2023

### Third place in the national programming competition

Universite of Laghouat

Laghouat, Algeria

Mar 2024

## Skills

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**Programming** Python , Java, PHP, C/C++, HTML/CSS, JavaScript, SQL, Nosql.

**Miscellaneous** Linux, Shell (Bash/Zsh), Microsoft Office, Docker, Git.

**Soft Skills** Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

## Certificates

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2023	<b>Git and Github</b> ( <a href="https://drive.google.com/file/d/1Wq1bT1fAiQPkD_hEXkwVa550k1i90YWc/view?usp=sharing">https://drive.google.com/file/d/1Wq1bT1fAiQPkD_hEXkwVa550k1i90YWc/view?usp=sharing</a> )	Almdrasa
2023	<b>Learn Blockchain Technology and Cryptocurrency in Java</b> ( <a href="https://www.udemy.com/certificate/UC-69c87734-2f45-4602-8f77-5f88e4714f67/">https://www.udemy.com/certificate/UC-69c87734-2f45-4602-8f77-5f88e4714f67/</a> )	Udemy
2023	<b>Hyperledger Fabric 2.x - Blockchain</b> ( <a href="https://www.udemy.com/certificate/UC-4cc97912-8827-488f-8c24-b7a92111391b/">https://www.udemy.com/certificate/UC-4cc97912-8827-488f-8c24-b7a92111391b/</a> )	Udemy
2022	<b>Fundamentals of Deep Learning</b> ( <a href="https://courses.nvidia.com/certificates/265f3275c93c4eb7aa5aeeec275084ec1/">https://courses.nvidia.com/certificates/265f3275c93c4eb7aa5aeeec275084ec1/</a> )	Nvidia
2022	<b>Software and Hardware</b> ( <a href="https://drive.google.com/file/d/11tCJ_yCFwRL1DlIrVnB5GnVL0YSIyKH9/view?usp=sharing">https://drive.google.com/file/d/11tCJ_yCFwRL1DlIrVnB5GnVL0YSIyKH9/view?usp=sharing</a> )	CIJM Oran2022

## Research interests

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Blockchain Technology, Machine Learning, Deep Learning Cryptocurrencies, Smart Contracts, Decentralized Applications (DApps), Consensus Algorithms, Distributed Ledger Technology (DLT), Machine Learning, Interoperability in Blockchain Networks, Scalability Solutions (e.g., Layer 2 Solutions), Privacy and Security in Blockchain, Database Management, Test-Driven Development (TDD), Agile Methodologies

## Interests

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**Running** I am actively involved in running athletics, constantly pushing my limits and striving for improvement in both speed and endurance.

**Football** I am an avid football player, enjoying the teamwork, strategy, and physical challenge that the sport offers. Whether on the field or watching matches, football is a significant part of my life.

## Languages

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**English** Professional proficiency

**Arabic** Native proficiency

**French** Professional proficiency