# Messaoud Hamdi

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Final Year Student
Sofware Engineering and Innovation
IMT Atlantique, Nantes

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## EDUCATION

- **IMT Atlantique** — *Sept 2023 - Now*
  *General Engineering Diploma : Sofware Engineering and Innovation* — Brest & Nantes, France

- **Higher School of Communication of Tunis** — *Sept 2021 - Jul 2023*
  *National Diploma in ICT Engineering : Networking and Software Development* — Ariana, Tunisia

- **Preparatory Institute for Engineering Studies** — *Sept 2019 - Jul 2021*
  *Diploma in Math-Physics* — Monastir, Tunisia

- **Sidi Makhlouf Secondary School** — *Sept 2016 - Jul 2019*
  *Mathematics Bachelor Degree* — Mednine, Tunisia

## EXPERIENCE

- **Ublo** — *Apr 2024 - Aug 2024*
  *Backend Developer - Internship* — Paris, France
  – Worked collaboratively with the Ublo backend team to develop new features and troubleshoot end-user issues, from local environment to production.
  – Tools & technologies used: Elixir, Erlang, Ecto, Postgres, GraphQL, REST, and Docker.

- **Label Bee Friendly** — *Sept 2023 - Jan 2024*
  *Fullstack Developer - Internship* — Brest, France
  – Led a team of four students in Agile development to create a multi-user web platform featuring an interactive map, chat, and a notification system, all designed to foster connections between farmers and beekeepers.
  – Tools & technologies used: Laravel, PHP, Inertia.js, MySQL, REST API, React.js, Mapbox and Websocket.

## PERSONAL PROJECTS

- **My Prepa : E-learning Platform** — *Jan 2023 - Apr 2024*
  *Indivdual project : check live website at: www.myprepa.org*

  – Developed My Prepa, a Learning Management System (LMS) tailored for pre-engineering students, providing comprehensive courses and educational materials.
  – Tools & technologies used: Next.js, TypeScript, Node.js, MongoDB, WebSocket, GitHub Actions, and Nginx.

- **DMI-Espérance: Medical Records Management System** — *Apr 2023 - Jul 2023*
  *Two student project for a football club medical staff*

  – Developed a web application for medical staff to efficiently manage medical files, control access, monitor health, and prevent diseases.
  – Tools & technologies used: Angular, TypeScript, MySQL, Tailwind CSS, Node.js, and REST API.

## TECHNICAL SKILLS AND INTERESTS

**Languages**: Python, C, C++, Elixir, JavaScript, Java, C#, PHP, Dart
**Developer Tools**: Android Studio, Visual Studio Code, Unity, Blender
**Frameworks**: Phoenix, Laravel, Node.js & Express.js, Next.js, Angular
**Cloud/Databases**: MySQL, MongoDB, Firebase
**Soft Skills**: Problem Solving ,Agile development methodology (Scrum), Leadership, Teamwork
**Areas of Interest**: Software Development, Algorithms & Problem Solving, CyberSecurity, Artificial Intelligence

## POSITIONS OF RESPONSIBILITY

- **Social Media Manager, My Prepa :** Reached 100K followers on Facebook — *Sept 2019 - Sept 2023*
- **Event Organizer, Sup'Com :** Annual ICT Forum — *Nov 30, 2022*

## ACHIEVEMENTS

- **Toeic Listening and Reading Certificate :** Score : 835 - B2 — *Apr 2023*
- **Tunisian Collegiate Programming Contest :** Rank : 30 among 105 teams — *Oct 2022*