

[RAOUF HECHAM]

Full Stack Developer

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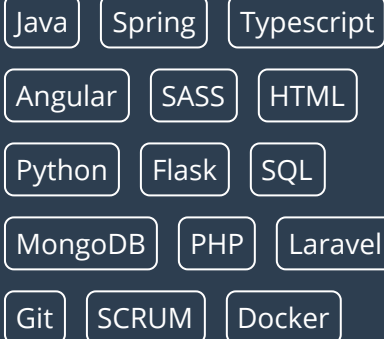
 raouf.hecham@gmail.com

 Montpellier, France

PROFILE

26 years old Full Stack Developer with a Ph.D. in Artificial Intelligence. Highly skilled in Java (Spring), Typescript (Angular), and Python (Flask).

KEY SKILLS



LANGUAGES

- English (C2): Fluent
- French (C2): Bilingual
- Arab: Native

LIFE PHILOSOPHY

My philosophy in life is simple: "Find the pattern; Optimize it.". I enjoy using my attention to detail to optimize and facilitate solutions to challenging problems.

EXPERIENCE

Research and Development Engineer

University of Montpellier - LIRMM

 Aug 18 - Jul 19  Montpellier | France

Built a platform for collective decision making. It allows real-time collaboration between multiple stakeholders with conflicting preferences.

- Implemented a modular architecture across entire stack (20k+ lines of code) while overseeing the deployment, documentation, and deliverable reports.
- Implement Spring REST API along with collaboration support using websockets and publish the different modules to maven repository.
- Implement Angular Material front-end with graph visualization and interaction features.
- Tools: Angular (Typescript, HTML, SASS), Spring (Java), MongoDB, Websockets, Docker.

Teaching Assistant

IUT Montpellier

 Oct 15 - Jul 19  Montpellier | France

Tutoring and lecturing duties (+300h) for undergraduate students.

- Introduction to Databases (92h).
- Human-Computer Interaction (173h).
- Web Development (24h).
- Tutoring: 5 Bachelor's student groups.

Junior Full Stack Developer

Open Management System

 Sep 14 - Aug 15  Constantine | Algeria

- Implemented a user polling website using Laravel/PHP.
- Implemented a scheduling tool with replicated database using Java/MySQL for a language training school.

EDUCATION

Ph.D. in Artificial Intelligence

University of Montpellier

 Sep 15 - Jul 18  Montpellier | France

Reasoning with conflicting knowledge within various domains such as Databases, Data Quality, Semantic Web, Argumentation, and Human Reasoning.

Master's Degree in Computer Science

Rank: 1/76

University of Abdelhamid Mehri

 Sep 13 - Jul 15  Constantine | Algeria

Implemented a tool for the classification of individuals in fuzzy ontologies by calculating the membership degree and displaying the results in a colored directed graph.

NOTABLE CERTIFICATIONS AND AWARDS

- **Ph.D. Excellency Scholarship:** for graduate students with outstanding curriculum
- **DALF C1:** Advanced French Language Diploma - C1.
- **Valedictorian:** Bachelor's and Master's degrees.
- **Cirta-Science-III Astronomy Award:** first place in the Cirta Astronomy contest