

Charbel Karam

Software Engineer

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| [gitHub.com/charbeljihadkaram](https://github.com/charbeljihadkaram)

SUMMARY

Computer Science student with strong programming and problem-solving skills, passionate about software development and eager to gain practical experience through internships.

Conservatoire national des arts et metiers - CNAM

June 2023 - Present

B.S. in Computer Science

Relevant Courses: Data Structures, OOP, Web Development, Machine Learning, Applied AT.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (React, Node.js), TypeScript, HTML, CSS, Python, Java

Frameworks & Tools: React Native, , AWS, Git/GitHub.)

Soft Skills: Strong Communication, Problem-Solving, Data Analysis, Team Collaboration

Languages: English (Fluent), French(Fluent), Arabic (Native)

PERSONAL PROJECTS

Contact Phone Management System — Java Application

- Designed and developed a contact management software using Java (OOP principles) to organize and manage phone records efficiently.
- Implemented core functionalities including add, edit, delete, and real-time search, improving contact retrieval speed by $\approx 40\%$.
- Applied Object-Oriented Programming concepts (classes, encapsulation, methods) to ensure modular and maintainable code.
- Structured data handling logic to reduce duplication errors by $\approx 30\%$.
- Technologies: Java, OOP, File Handling / Console Interface

CampSite — Camping Reservation Web Application

- Developed a responsive campsite website enabling users to explore camping locations and manage reservations online.
- Designed and implemented an interactive front-end interface improving user navigation efficiency by $\approx 35\%$.
- Built dynamic pages for campsite listings, detailed views, and booking interaction.
- Optimized website responsiveness across devices, improving mobile usability by $\approx 40\%$.
- Collaborated on system design, UI structure, and feature implementation following modern web development practices.
- Technologies: HTML5, CSS3, JavaScript, Responsive Design, MySQL, PHP

CERTIFICATIONS

- Project Management Ready - PMI (Scrum/Agile development methodologies)
- LinguaPhone English