

Jad R. Geitani

SOFTWARE ENGINEER APPLICATION ·

Georges Chalhoub Building, Besebhel, Zgharta, North Lebanon

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Experience

MDSL (An ITG Company)

Beirut, Lebanon

SOFTWARE ENGINEER

June 2024 - Present

- Designed and developed scalable Restful APIs from scratch using NodeJS, Express, and MongoDB
- Developed a POS message converter in Java and C++ to enable seamless communication between POS terminals and the switch, translating messages between HPS and ISO 8583 formats
- Developed a web app for a Bank using Maven (Java Spring Boot), HTML, and CSS
- Participated in daily SCRUM meetings, sprint planning, and code reviews to ensure efficient collaboration and timely delivery
- Technologies: C/C++, Java, Spring Boot, NodeJS, MongoDB, Oracle SQL

MultiLane (http)

Houmal, Aley, Lebanon

JUNIOR SOFTWARE APPLICATION ENGINEER

November 2023 - June 2024

- Designed and implemented C++ modules for LR4-100G hardware used in high speed data transmission systems
- Developed reusable C++ libraries to interface with hardware layers, with focus on modularity and performance
- Conducted unit and system-level testing on actual hardware to validate reliability and ensure stability under load
- Implement version control using Git, ensuring efficient collaboration and code management among team members
- Technologies: C++, git, gitlab

CME Offshore

Beirut, Lebanon

FULL STACK DEVELOPER INTERN

July 2023 - August 2023

- Designed and developed user-friendly interfaces to enhance usability and user experience using React
- Worked in a SCRUM-based team, contributing to sprint tasks and regular standups
- Implemented data fetching and sending mechanisms between backend services and frontend components
- Technologies: Java, Spring Boot, JavaScript, React

Skills

Programming Languages

Proficient in: C++, Java

Intermediate in: Python, NodJS, C#

Software

MS Office: Word, Excel, PowerPoint and Access

Visual Studio and VS Code

Jupyter Notebook

Eclipse

Unix shell scripting

Makefiles

Communication Skills

Excellent written and verbal communication skills in English and Arabic

Beginner-level communication skills in French

Great teamwork ability

Good Listener and Confident

Other

Data Structures and Algorithms,

SQL and Database Diagrams,

Analytical Thinking, Leadership,

Problem Solving, Creativity, Git

Machine Learning, Deep Learning

Tensorflow, Keras

Education

Lebanese American University

M.S. IN APPLIED ARTIFICIAL INTELLIGENCE

- NECHE Accredited Program
- Current GPA: 3.95

Online

2024 - Present

Notre Dame University-Louaize

B.S. IN COMPUTER SCIENCE

- ABET Accredited Program
- Cumulative GPA: 3.30
- Honors: Cum Laude

Barsa, Lebanon

2020 - 2023

Honors & Awards

Dean's List Honoree Fall 2020, Spring 2021, Fall 2022, Notre Dame University-Louaize

2020 - 2022