

Jad Sarkis

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PROFESSIONAL EXPERIENCE

Software Engineer (Java, Python) | Murex

10/22 – Present

- Utilized OpenTelemetry (OTel) to generate telemetry data for clients who monitor the products provided
- Developed an API enabling clients to generate OTel metrics by specifying desired metrics in a file format
- Engineered a data generator, designed to produce dummy metrics used as test data in visualizer environments
- Containerized projects in Kubernetes to automate and scale deployment and enhanced code quality by adapting Test Driven Development (TDD) process
- Operated within Scaled Agile Framework practices

Software Engineer (Java) | Anexya

08/21 – 09/22

- Provided top retailers with a Software as a Service traceability end to end solution
- Worked on Radio-Frequency Identification (RFID) technology to automate and improve client experience
- Enhanced the backend that provisions client information and transaction using a MySQL database
- Managed the middleware between the backend and the RFID platform with a Spring-based framework
- Explored subjects such as multi-threading, and data importing with Java and MySQL

EDUCATION

B.E in Computer and Communications Engineering | American University of Beirut

09/16 – 05/21

- Graduated with Distinction; Graduating GPA: 3.86/4.00
- Final Year Project: Managing ICU Workloads with IoT
 - Used sensors to measure the vital signs of ICU patients with Raspberry Pi, programmed in Python
 - Stored the readings in a cloud-hosted, NoSQL database using Firebase
 - Built an Android application with user authentication to display the data readings of patients
- Received a scholarship from the AUB Tomorrow's Leaders Gender Scholars Program in January 2021
 - Published an article titled "Pregnancy at Work in the MENA Region Through the Feminist Perspective" on the Center of Inclusive Business and Leadership for Women (CIBL) platform

Additional Mathematical Models & Analytical Skill Studies | University of California, Berkeley

06/19 – 08/19

- Studied a game theory program that focused on the analysis of models of conflict between decision-makers

French Baccalaureate (High Honors), focus on Life Sciences | Lycée Franco-Libanais Nahr Ibrahim

10/01 – 06/16

EXTRACURRICULAR ACTIVITIES AND VOLUNTEERING

Mission Leader | Lebanese Red Cross

09/17 – 07/23

- Volunteered as a paramedic. Duties include weekly night shifts, with a group of 9 to 12 benevolent workers
- Led teams of three to five people, providing primary care to patients during their transport to hospitals
- Presided over a team of 10 EMTs as the head of the sector's Oxygen committee
- Coordinated with providers to acquire oxygen tanks to ambulances and people in need

HOBBIES & SKILLS

- Languages: Arabic (native), French (native), English (full proficiency)
- Technical skills: Java, MySQL, Python
- Soft skills: Leadership, Detail Oriented, Team player, Great Listener, Work Ethic