

WORK EXPERIENCE

Maids.cc <i>Business and Data Analyst</i>	Lebanon <i>July 2025 - Present</i>
<ul style="list-style-type: none">Translated business needs into AI-driven solutions to automate visa processes and defined KPIs to measure service performance.Led the development of a chatbot within the Zoho environment, implemented a backend connecting the database and APIs for n8n workflows, and designed a frontend redirecting users to WhatsApp.Analyzed SQL data and developed interactive React dashboards, reducing reporting time by 60% and supporting strategic decision-making.	
Invigo <i>Quality Assurance Part Time</i>	Lebanon <i>February 2025 - Present</i>
<ul style="list-style-type: none">Automated platform testing using Robot Framework with Python, reducing regression testing time by 30% and increasing test coverage by 25%.Reported and tracked bugs via Arachne, documenting reproduction steps and collaborating with developers in agile methodology to solve issues.	
Unilog <i>Software Engineer Intern</i>	Lebanon <i>July 2024 - August 2024</i>
<ul style="list-style-type: none">Worked with MySQL and MongoDB to extract and analyze data from 30 different tables for ERP systems.Produced 2 detailed ERP reports using SAGE and Crystal Reports, delivering actionable insights.	
Inmind.ai <i>Data Engineer Intern</i>	Lebanon <i>June 2024 - August 2024</i>
<ul style="list-style-type: none">Created a survey, extracted and cleaned responses using a Python script, stored the data in an Excel file, and built an interactive Power BI dashboard.Preprocessed 30,000 time series and tested SARIMA, SARIMAX, LSTM, and Prophet models in Python; selected SARIMAX as the final model (MSE = 0.05) for trend forecasting.	
Inmind.ai <i>Software Engineer Intern</i>	Lebanon <i>July 2023 - September 2023</i>
<ul style="list-style-type: none">Developed backend systems using C# and the .NET framework, applying Multitenancy architecture and Domain-Driven Design principles.Engineered the frontend of a website with Javascript, Angular Material, and Observables.	

PROJECTS

Digitization of Seismic Records	<i>January 2025 - June 2025</i>
<ul style="list-style-type: none">Built a distributed microservices architecture with C#, React, and Docker, enabling scalable digitization and analysis of seismic records.Implemented ML-driven data extraction (DBSCAN, Polynomial Regression) from seismic images and integrated RabbitMQ and MinIO for efficient, asynchronous data processing and storage.	
Automatic Irrigation System	<i>January 2024 - April 2024</i>
<ul style="list-style-type: none">Built an intelligent irrigation system, utilizing MongoDB and express.js for efficient data storage and robust backend functionality.Programmed Arduino for real-time irrigation and designed a responsive React Native interface for a 20% faster user experience.	
Tic Tac Toe Game	<i>March 2024</i>
<ul style="list-style-type: none">Developed a Tic-Tac-Toe game using Pygame integrating the Minimax algorithm and Alpha-Beta pruning.Increased user engagement by 20% by adding varied difficulty levels, enhancing the overall gaming experience.	

EDUCATION

Computer and Communication Engineering Saint Joseph University of Beirut ESIB	<i>Sep 2020 - Jun 2025</i>
Relevant courses: Machine Learning, Artificial Intelligence, Object Oriented Programming, Functional Programming, Design Patterns, Data Structures and Algorithms, Data Science, Project Management, Project Analysis, Business Economics	

EXTRACURRICULAR ACTIVITIES

Scout Active Member	Lebanon <i>May 2019 - Present</i>
<ul style="list-style-type: none">Participated in meetings and outdoor activities to build teamwork, leadership, and survival skills.	
Consulting Club Active Member	Beirut, Lebanon <i>October 2022 - August 2024</i>
<ul style="list-style-type: none">Analyzed real-world cases, strengthened teamwork skills, and contributed to 4 conferences to expand knowledge and industry connections.	

SKILLS AND INTERESTS

Languages: Arabic (native), French (fluent), English (ToEFL iBT B2)	
Analytics & Visualization: SQL, Power BI, Tableau	
Programming Languages & Web: Python, Java, C++, C#, JavaScript, Scala, HTML, CSS	
Frameworks & Tools: .NET, React, React Native, Angular, Jenkins, Docker, RabbitMQ, MinIO, Unix, GitHub, n8n, Zoho, Arachne, Figma, Suite Microsoft Office, Apache Airflow	
Data & AI: Machine Learning, Time-Series Modeling, Scikit-learn, Pandas, NumPy, Artificial Intelligence, OpenAI	
Interests: Entrepreneurship, Technology Trends, Sports	
Certifications: Certification Astronomer pour Apache Airflow	