



Christine Ismail

Data Engineer | Computer Engineer

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EXECUTIVE SUMMARY

Passionate Data Engineer with expertise in Python, I bring a strong foundation in cloud computing, data management, and machine learning. I am an innovative problem solver with a strong theoretical foundation, quick learning ability, and a passion for addressing real-world data challenges.

PROFESSIONAL EXPERIENCE

Data Engineering/ Data Management Internship

Yseop, Paris | 05/2024 – 09/2024

- Built a web-based application for anonymizing sensitive client data using Python, Pandas, and CSV data processing
- Developed robust backend algorithms using Python to ensure data integrity and efficient processing of diverse datasets
- Designed a user-friendly interface to simplify and optimize data processing and anonymization workflows
- Authored a comprehensive technical documentation and managed a GitHub repository for code versioning

Technical Assistant

Update Academy | 06/2022 – 08/2023

- Communicated with students as a technical assistant
- Actively participated in preparing course materials and contributed ideas to enhance web development courses
- Played a key role in managing and optimizing the website for a seamless user experience

Full Stack Web Developer

4 Finance Training Center | 12/2022 – 01/2023

- Developed a user-friendly website tailored to the client's needs by implementing interactive features and design
- Collaborated with stakeholders to ensure project alignment and provided support for website management

Trainee in Update Academy

Update Academy | 09/2022-11/2022

- Acquired practical skills in React for developing dynamic and responsive web applications
- Enhanced proficiency in relevant technologies through React development

Full Stack Web Development

4 Finance Training Center | 09/2022-11/2022

- Proficient in full-stack development, graphic design, and digital marketing
- Expertise extends to career guidance, employability skills, and positive leadership

Trainee in Update Academy

Update Academy | 06/2022-08/2022

- Mastered SDLC essentials, and built APIs using Node.js and Express for seamless data exchange
- Created client web pages with HTML, CSS, JavaScript, and Bootstrap, and utilized Git and GitHub for version control

EDUCATION

Applied MSc in Data Engineering for AI

Paris, Data ScienceTech Institute | 2023-2025

Developed expertise in:

- Distributed & Performance IT: AWS, Azure, Web & Software Engineering, Python Machine Learning Labs, Semantic Web
- Data Management: SQL, ETL pipelines, data warehousing, NoSQL databases, big data ecosystems, data pipelines
- Operational Methodologies: IT project management, CRM data management, cybersecurity, DevOps
- Data Science: Mathematical foundations, statistical analysis, big data processing, machine learning

Project:

- Predicting Sleep Variables in Mammals using Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, and Jupyter Notebook to predict sleep patterns in mammals, including data cleaning, model training, evaluation, and visualization.

Bachelor in Computer and Communication Networks Engineering

Lebanese University | 2020 – 2023

Baccalaureate in Life Science

Shouf National College | 2019 – 2020

OTHER INFORMATION

Technical Skills: Python(Pandas, NumPy, Scikit-learn),MSSQL, AWS, Neo4j , C language, C#, HTML, CSS, JavaScript, Typescript, Java, React.js, JSON, PHP, Oracle, XAMPP, Microsoft Azure, Microcontrollers, Communication, Git, Jupyter Notebook, R Studio, GoogleColab, Power BI

Soft skills: Problem-solving, Decision-making, Microsoft Office, Team collaboration, Organized and autonomous, Research, Curious and eager to learn, Attention to detail.

Certificates: Neo4j Certified Professional

Languages: English (Fluent) | French (Fundamentals) |Arabic (Fluent)

Interests: Cooking, Basketball