Jason Hkayem

Zouk Mosbeh, Mount Lebanon
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Education
Bachelor of Computer Science | Holy Spirit University of Kaslik | 2023 - Present
Baccalaureate degree in SG | College Saint-Joseph des Filles de la Charite | 2006-2021

Skills
- Languages: Arabic, English, French
- Programming: Python, Java, C++, C, JavaScript, HTML, CSS, PHP
- Frameworks and Libraries: Flask, Streamlit, NumPy, Pandas, scikit-learn, Serverless
- Cloud and Tools: Power BI, AWS, Docker, Git, MySQL, PostgreSQL

Work Experience
Cloud AI/ML Engineer Intern | Zero&One | July 2025 – August 2025
- Designed and implemented RESTful APIs using Flask within a modular backend architecture.
- Built and deployed a serverless AI/ML application leveraging AWS for backend infrastructure.
- Collaborated developing an AI chatbot supporting users with course content queries.
- Worked with cloud deployment workflows and ML-backed services in a team-based environment.

Waiter | Anthony's Foodhub | May 2021 – Present
- Demonstrated reliability and time management while balancing work with full-time studies.
- Worked effectively in a fast-paced, team-oriented environment.

Projects
- Post-COVID Analytics: Analyzed a health and cognitive dataset to study COVID effects, building Power BI dashboards, preprocessing data, training ML models, and interpreting feature importance with SHAP.
- CloudQ: Built a cloud-based online learning platform with a multi-user chatbot, leveraging AWS for content embeddings, translations, and real-time knowledge retrieval.
- Backend Inventory API: Developed Flask APIs with PostgreSQL, integrated Amazon Bedrock for product embeddings and descriptions, containerized with Docker, and deployed on AWS ECS with public load balancing.

Volunteering

Scouts du Liban | Member (2015–Present), Patrol Chief (2019–2021), Team Chief(2024–Present)