

# Jennifer Mikhaelian

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## Objective

Motivated Computer Science student with a strong foundation in programming, database management, and machine learning. Seeking an internship or entry-level opportunity to apply technical skills, gain hands-on experience, and contribute to innovative projects in a dynamic environment. Passionate about solving real-world problems and continuously expanding my knowledge in the field of technology.

## Education

**Mesrobian High School** - *Life science*

Graduated in June 2020

**Lebanese international University** - *BSc in Computer Science, GPA: 3.57*

October 2022- June 2025, Graduated July 2025.

## Experiences

**Shop Manager** - Jennifer Perfumes (January 2018 - August 2024)

Delivered excellent customer support, ensuring client satisfaction and maintaining brand loyalty.

**Product Engineer** - Ampichap (June 2021- November 2021)

**Responsibilities:** Designing visa documents, testing finished products, creating flowcharts of Legal documents, simplifying and making the process of the application easy and smooth for the applicants.

**Customer Service Representative** - Domino's Pizza (March 2021 - May 2021)

## Internships

**Full Stack Developer** - CTServe Jounieh (August 2025- September 2025)

- Collaborated in an 8-member team to develop a full-stack web application using **React (frontend)** and **.NET Core Web API (backend)**.
- Focused primarily on backend API development and database management using **Dapper** and **SQL Server Management Studio (SSMS)**.
- Built and optimized RESTful APIs, implemented data access layers with Dapper, and maintained complex SQL queries and stored procedures.
- Participated in agile development processes, including code reviews, sprint planning, and daily stand-ups.

## Technical Skills

### Frontend Development:

- Familiar with **HTML, CSS, JavaScript**
- Currently working on **React**
- Frameworks: **Bootstrap**

### Backend Development:

- Programming: **Python, Java ,C#, PHP**
- Database Management: **SQL and Database querying** with design principles
- Currently working on **.NET Core Web API**
- Desktop applications using **C# and .net**

### Mobile Development:

- Familiar with **Kotlin, Dart**
- Frameworks: **Jetpack Compose, Flutter**

### Machine Learning:

- Programming: **Python**
- Libraries: **Numpy, Pandas, Sckit-Learn**
- ML models: **Linear Regression, KNN, Random Forest, Naives Bayes** etc ...

## Certifications

- **PCEP Certified Entry-Level Python Programmer** – Python Institute
- **PCEP Certified Professional-Level Python Programmer** – Python Institute (*USEK*)
- **CCNA 1 : Introduction to Networks** – Cisco
- **CCNA 2: Switching, Routing and Wireless Essentials** – Cisco

## Languages

**English** – Fluent

**Arabic** -Fluent

**French** – Intermediate Proficiency

**Armenian** – Mother language

## Key Projects

### Smart Calendar Mobile Application (2025)

- Developed a feature-rich calendar app using Jetpack Compose (Kotlin), enabling users to manage events through three intuitive methods: manual entry, a conversational AI chatbot (Claude Sonnet 3), and voice chat with speech-to-text integration. Implemented secure Google API login for user authentication and a robust Python backend (Flask) for handling

event logic, AI communication, and data storage. This project showcases advanced integration of AI, voice interfaces, and mobile UX to create a seamless productivity tool. (This project was done by 2 members)

#### **Tech-Layoffs Analysis Using Random Forest Regression (2025)**

- Trained a Random Forest Regression model on tech layoffs data to predict trends and insights.
- Performed exploratory data analysis (EDA) using Pandas and Matplotlib to visualize key trends and correlations in the data. Utilized Scikit-learn for model development and fine-tuned hyperparameters to optimize prediction accuracy.

#### **Pet Shop Management System (2024)**

- Developed a C# and SQL-based desktop application to manage pet store inventory, including products, food, and sales. The system features login with authentication, role-based permissions, and an optimized database schema for storing inventory, employee data, and sales.

#### **Online Bookstore (2024)**

- Developed an online bookstore using HTML, CSS, and PHP, featuring a user-friendly interface for browsing and purchasing books.
- Implemented an admin panel for managing books, users, and orders, ensuring efficient site administration.

#### **Papa's Pizzeria Mobile Application (2025)**

- Developed a mobile pizza ordering app with Dart and Flutter, integrated with a MySQL database on XAMPP for backend management, and designed an efficient schema for orders, users, and menu items.