# **Resume**

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## **Summary**

4th-year Computer Science student with **hands-on experience in GenAI and Large Language Models (LLMs)**. Proven track record in developing AI-powered solutions, conducting POCs, and integrating AI technologies into practical applications. Strong problem-solving skills with expertise in **API integration, data analysis, and full-stack development**. Highly motivated to explore and implement cutting-edge GenAI solutions.

## **Education**

**B.Sc. in Computer Science**, Jerusalem Multidisciplinary College (2022 - Present)

* Focus: High-level programming, Object-Oriented Programming (OOP), AI/ML applications, web technologies, and data analysis

**Preparatory Program for Completion of Core Subjects**, Jerusalem Multidisciplinary College (2021-2022)

## **GenAI & LLM Experience**

### **Tech News AI Assistant (Python)**

* **Built production-ready AI system** integrating **Google Gemini AI** for automated content analysis
* **Conducted successful POC** with 82% classification accuracy across technology topics
* **Developed full-stack application** with Streamlit interface and **conversational AI chatbot**
* **Integrated multiple data sources** (12+ APIs, RSS feeds) with PostgreSQL database

### **AIAC - AI Assistant Coach (Final Project - In Progress)**

* Developing **LLM-powered system** for data-driven decision making in sports analytics
* **Implementing Large Language Model** for natural, conversational user interface
* Utilizes **"Backward Prediction" methodology** for model validation and optimization
* **Translating complex user needs** into AI-based tactical solutions

### **Chess Prediction System (Python)**

* Built **machine learning system** using statistical analysis and historical data
* **Implemented data preprocessing pipelines** and feature engineering for predictive modeling
* **Integrated multiple data sources and APIs** for comprehensive analytics with efficient data storage

## **Technical Projects**

### **FPL Assistant - Sports Data Management System (Python)**

* Developed comprehensive tool with **real-time API integration** and automated optimization
* **Built modular architecture** with intelligent caching and automated report generation
* Demonstrates proficiency in **API consumption, data processing, and system architecture design**

### **2D Parking Game (C++)**

* Developed physics-based game using SFML graphics and Box2D physics engine
* **Implemented modular architecture** with design patterns (Visitor, Observer, Factory, Singleton)
* Built custom exception handling system and JSON-based configuration

### **Product Sample Website (HTML, CSS)**

* Designed and developed **fully responsive website** with interactive UI elements
* **Optimized layout for different environments** and screen sizes

## **Technical Skills**

**GenAI & AI Technologies:**

* **Large Language Models (LLMs)** - Google Gemini AI, conversational interfaces
* **Machine Learning** - Predictive modeling, statistical analysis, model validation
* **AI Solution Architecture** - POC development, system integration, performance optimization

**Programming Languages:** C, C++, Java, Python, HTML, CSS, SQL

**Technologies & Tools:**

* **API Integration** - RESTful APIs, real-time data processing
* **Database Management** - PostgreSQL, SQL optimization
* **Data Analysis** - Statistical modeling, feature engineering
* **Development Environments** - Visual Studio Code, PyCharm, Windows
* **Version Control** - Git, GitHub

**Languages:** Fluent in English, Native Hebrew

## **Core Competencies**

* **Understanding user needs** and translating them into AI-based solutions
* **Conducting POCs** with LLM models and evaluating their effectiveness
* **Identifying and recommending** appropriate AI technologies and tools
* **Implementing AI solutions** into existing system architectures
* **Proactive exploration** of new GenAI applications and methodologies

## **Work Experience**

### **Content Editor for Lecturers in Educational Courses**

* Edited and formatted educational materials for 10+ lecturers, improving clarity for 200+ students
* **Demonstrated ability to understand user needs** and improve content effectiveness

### **Presentation Designer for Managerial and Organizational Content**

* Designed engaging PowerPoint presentations for executive-level training
* **Enhanced audience engagement by 30%** through optimized content structure and visuals
* **Translated complex concepts** into accessible, actionable presentations

## **Availability**

**Available for approximately 100 hours** - Flexible scheduling to meet project demands