

# GEORGIO KHOURY

Junior Developer · AI & Full-Stack Enthusiast

📍 Biaout, Mount Lebanon  
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## PROFILE

Motivated Junior Developer with hands-on experience building AI agents, full-stack web apps, and cloud-integrated solutions. Developed production systems at INATCO using Microsoft Copilot Studio, Azure, and Power Platform. Strong CS foundation across OOP, databases, algorithms, and front-end — demonstrated through 10+ academic and professional projects. GitHub: [github.com/GeorgioKh7](https://github.com/GeorgioKh7)

## EXPERIENCE

### Junior AI Engineer · INATCO

January 2026 – Present

- Built AI copilots with Microsoft Copilot Studio connected to Azure SQL and Power Platform for internal business automation
- Designed Power Automate workflows and Scheduler app (Power Apps) to streamline appointment and task management
- Developed prompt flows, conversation UX, and Adaptive Card responses for production AI assistants

### IT Intern · INATCO

September 2025 – December 2025

- Supported IT operations including network configuration, hardware troubleshooting, and helpdesk workflows

### Technical Support Senior Agent · TSI – Jal el Dib

April 2023 – September 2025

- Resolved complex hardware/software issues and managed high-volume support queues while maintaining customer satisfaction

### Technical Support Agent · Connect – Jdeideh

November 2022 – April 2023

- Handled customer support cases efficiently in a fast-paced technical environment

## PROJECTS

### Copilot AI Agent — INATCO

- Natural language agent connecting to Azure SQL DB — lets staff query internal business data conversationally
- Integrated Power Automate flows for contact and request creation; deployed with Adaptive Cards for structured responses

**Technologies:** Microsoft Copilot Studio · Azure SQL · Power Automate · Power Apps

### AI Object Detection System — INATCO

- Real-time object detection pipeline using a trained deep learning model — draws bounding boxes and confidence scores on live video
- Applicable to surveillance, retail analytics, and smart vision use cases

**Technologies:** Python · Deep Learning · Computer Vision · OpenCV

### BookHub — Book Tracking Web App — Lebanese University

- Full-stack ASP.NET Core Razor Pages app with user authentication, CRUD, 1–5 star ratings, notes, and cover images
- Search by title/author, filter by rating, paginated list (6/page); auto-seeded DB on first run — no setup needed

**Technologies:** C# · .NET 10 · ASP.NET Core · SQLite · Entity Framework Core · ASP.NET Core Identity · Bootstrap 5

### Smart Campus Access Control — Lebanese University — Java

- OOP-based access control system with role-based auth, time-window validation, and Adapter Pattern for legacy door integration
- Modular architecture: AccessController, RoleCheck, TimeWindowCheck, UserExistsCheck, LibraryDoorAdapter

**Technologies:** Java · OOP · Adapter Design Pattern

### AI Maze Pathfinding Visualiser — Lebanese University

- Browser-based visualiser comparing BFS, DFS, and A\* on a 2D maze grid — animates cell exploration in real time
- Evaluated algorithms on completeness, optimality, nodes explored, and execution time side-by-side

**Technologies:** Python · JavaScript · BFS · DFS · A\* Search

**Other Projects:** Chic Trend Blend (HTML/CSS/JS fashion e-commerce) · Supermarket Management DB (SQL, E/R modelling) · Student Grade Manager (Python, CSV) · 2D Animated Graphics Scene (C++, OpenGL)

## EDUCATION

### B.Sc. in Computer Science (Programming) · Lebanese University, Fanar

2023 – Expected June 2026

Key coursework: JavaScript · React · Node.js · Python · Java · C++ · ASP.NET · Databases · AI · Algorithms · Networking · Cyber Security · Mobile Dev · Image Processing

### High School Diploma — Sociology & Economics · Lycée Officiel Antelias

2018 – 2021

CERTIFICATIONS

- Microsoft Azure AI Fundamentals (AI-900)
- Azure Fundamentals (AZ-900)
- Power Platform Fundamentals (PL-900) — Power BI, Power Apps, Power Automate
- Azure AI Engineer Associate (AI-102) — NLP, Computer Vision, Conversational AI

SKILLS

|             |                                                                                |
|-------------|--------------------------------------------------------------------------------|
| Languages   | JavaScript · Python · Java · C# · C++ · HTML/CSS · SQL                         |
| Frameworks  | React · Node.js · ASP.NET Core · Bootstrap                                     |
| AI & Cloud  | Microsoft Azure · Copilot Studio · Power Platform · Azure AI Services · OpenCV |
| Tools       | Git · VS Code · Entity Framework Core · MS Office · Hardware Troubleshooting   |
| Soft Skills | Problem-Solving · Communication · Teamwork · Time Management                   |

LANGUAGES

|         |                                  |
|---------|----------------------------------|
| Arabic  | Native                           |
| English | Professional working proficiency |
| French  | Professional working proficiency |