DANIEL AMASHA

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PROFILE

Computer Science graduate with hands-on experience in **software engineering and AI-driven applications**. Skilled in full-stack development, backend systems, **and retrieval-augmented generation (RAG)**. Passionate about building scalable, real-world solutions using modern web and cloud technologies, including **Microsoft Azure** and **AI/ML frameworks**. Strong analytical thinking, adaptable, and a collaborative team player.

EXPERIENCE

CCI   **Aug 2025 – Present**
AI Engineer Trainee

- Contributed to AI and software projects with **real-world applications**.
- Gained hands-on experience in **backend development, system design, and AI integration**.
- Developed and deployed **cloud-based AI solutions** using Azure OpenAI and modern web frameworks.

EDUCATION

Bachelor of Science in Computer Science   **2022 – 2025**

Lebanese International University – Nabatieh Campus

SKILL

- Technical:
  Python, Java, JavaScript, HTML, CSS, C, C#, PHP, MySQL, MongoDB, React, FastAPI, Flask, Tailwind CSS, AI/ML, NLP, OCR, Azure OpenAI
- Languages:
  Arabic (Fluent), English (Fluent)
- Professional:
  Analytical thinking, teamwork, communication, adaptability

KEY PROJECTS - CCI

- AI Chatbots & RAG Systems
  Python, FastAPI/Flask, React, TypeScript, Azure OpenAI, MongoD
  - Built multiple AI chatbots using retrieval-augmented generation with vector embeddings.
  - Implemented document grounding, OCR-based text extraction, and semantic search.
  - Designed REST APIs and modern frontend interfaces.
- Voice-Enabled AI Chatbot
  - Developed real-time voice interaction using WebSockets and Azure OpenAI.
  - Integrated database storage and AI search for contextual responses.
- Video Indexing & Search Platform
  Python, React
  - Processed uploaded videos into frames and searchable metadata.
  - Built a full-stack interface for video indexing and querying.
- Web Scraping & Data Extraction Pipeline
  Python, Selenium, BeautifulSoup
  - Automated crawling and extraction of structured website data and documents.
  - Exported cleaned JSON datasets for analysis.

CERTIFICATIONS

- CCNA: Introduction to Networks — Cisco Networking Academy
- Network Security