

John Kofdarelli

Computer Science & Engineering student at the American University of Beirut

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I build practical software, web apps, AI experiments, and developer tools.

EDUCATION

B.E. in Computer Science & Engineering

American University of Beirut - 2024 - Present

Coursework and projects across software engineering, data structures, systems thinking, and practical web development.

EXPERIENCE

Student Developer

Personal and university projects - 2024 - Present

Building small, useful tools across Java, web apps, AI experiments, and developer workflows.

Technical collaborator

AUB Outlook - 2026

Exploring editorial systems, publishing workflows, and CMS-driven content management.

SELECTED PROJECTS

Personal Portfolio CMS

Web - In Progress - Next.js, TypeScript, Tailwind CSS, Decap CMS

A fast Next.js portfolio with editable project and blog content.

AI Study Companion

AI - Experimental - TypeScript, OpenAI API, Next.js, Prompt Design

A small experiment for turning notes into study prompts and quick review cards.

Java Algorithms Lab

Java - Finished - Java, JUnit, Gradle, Data Structures

A collection of Java implementations for data structures and algorithm practice.

Minecraft Mod Toolkit

Minecraft - In Progress - Java, Fabric, Gradle, Game Modding

A playful toolkit idea for experimenting with Minecraft mod workflows.

SKILLS

Web	TypeScript, React, Next.js, Tailwind CSS
University	Java
AI	Python, FastAPI, Prompt Design
Tools	Git
Minecraft	Minecraft Mods

AWARDS AND ORGANIZATIONS

Most Innovative Award - AUBMUN Conference

Awarded for creativity, problem-solving, and an innovative mindset, including developing a prestigious website and bringing forward smart, impactful ideas that made a lasting contribution to the team's success.

Organizations: ACM, IEEE, AUBMUN, AUB Outlook