Ayman Hajjar

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A passionate full-stack web developer who is able to create innovative web applications that meet and exceed client needs and expectations.

Education

Bachelor of Engineering (B.E.) Computer Engineering

Beirut Arab University, Lebanon, August 2016 - May 2021

Training and Certifications

Full-Stack Web Development Bootcamp, SE Factory, Beirut

February 2023 – May 2023

- Completed an intensive full-stack web development program covering cloud architecture, front- and back-end development, source control, and web application security over 14 weeks of lectures, workshops, and projects.

CS50's Web Programming with Python and JavaScript, HarvardX

March 2021

- Designed and implemented web apps with Python, JavaScript, and SQL using frameworks like Django, React, and Bootstrap.
- Delivered a final project of my choice, where I implemented a website that allows users to create, share and take quizzes using Django and JavaScript.

CS50's Intro to Computer Science, HarvardX

September 2020

- Learned the basics of computer science, including data structures, algorithms, and programming languages.
- Delivered a final project using Java to implement a mobile application that allows users to apply filters on an image.

Cisco CCNA, Beirut

May 2018

- Learned the basics of computer networking.

Professional Experience & Projects

Melodyse - Full-Stack Project

May 2023

- Designed and implemented a collaboration website that matches musicians based on their musical interests, using machine learning. It also offers many AI features to help musicians get work done.
  - Using Next.js for the frontend
  - Using Django for the backend and PostgreSQL for the database.

Smart Companion – Full-Stack Project

- Created a website and a mobile application using React and React Native, with a recommender system to suggest activities for users, organize their schedules and help them discover nearby places.

Instagram Clone – Full-Stack Project

- Designed and implemented an Instagram clone, allowing users to login/logout, create posts, comment, and get notifications using Django and JavaScript.

Key Skills

- **Programming (and Scripting) Languages // C, C++, Python, JavaScript, PHP, SQL.**
- **Theory // Complexity Analysis, Data Structure and Algorithms, Design Patterns, and OOP.**
- **Tools & Cloud Services // GitHub, Postman, Figma, Firebase.**
- **Frameworks and Libraries // Django, Laravel v9.x, React, Next.js, Node.js, Express, jQuery, Bootstrap 5, Electron.js, React-Native**
- **Database Management Systems // MySQL, PostgreSQL, MongoDB**

Languages

- Arabic (Native); English (Fluent); French (Fluent)