

RAMI ITANI

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Education

Technical Baccalaureate in Software Development

Duration: 2019 - 2022

(BHI) Bir Hassan Technical Institute

- Courses: Software Development, Algorithms, Web Development, Mobile Development

Bachelor of Computer Sciences

Duration: 2022 - Ongoing

(AUL) Arts, Sciences, and Technology University In Lebanon

- Courses: Software Engineering Practice, Applied Machine Learning, Operating Systems, Computer Architecture, Web Development, Algorithms and Data Structures, Information Security

Work Experience

Full-Stack Web Developer

March 2026

DentalCore

- Developed a **responsive e-commerce website** for DentalCore to showcase and sell specialized dentistry machines, implementing a clean product catalog, and inquiry workflow to improve customer conversion rates.
- Built the backend using **Node.js** and a relational database and an admin panel to manage products, categories, and customer inquiries, ensuring efficient inventory updates.
- Implemented **SEO optimization** and **performance tuning** to reduce page load time by over **50%**.

Projects

Arbitester | [GitHub](#)

Python | Flask | React.js | HTML/CSS/JS

- Engineered an arbitrage detection platform that scans hundreds of markets across multiple providers to identify pricing discrepancies and profitable opportunities.
- Implemented odds aggregation, best-market comparison per event, and an integrated arbitrage calculator for rapid evaluation.
- Built a **Flask backend** for data processing and a **React-based UI** for real-time display and interaction with data.

Lensity | [GitHub](#)

HTML/CSS/JS | PHP | SQL

- Developed a photography-focused e-commerce website showcasing cameras, lenses, and accessories with dynamic product listings and category filtering.
- Built a **PHP backend with SQL database** integration to manage products, user accounts, and order records.
- Implemented **responsive UI design, client-side validation, and secure server-side form handling** to ensure smooth user experience and reliable data processing.

Maze Generation Visualizer | [GitHub](#)

Java | JavaFX | Algorithms

- Created a maze generation visualizer implementing four algorithms (DFS, Prim's, Kruskal's, Recursive Division) with real-time rendering in Java Swing.
- Designed step-by-step visualization to **demonstrate algorithm behavior** and path formation for educational purposes, along with handlers to control the visualization.

PaperKey | [GitHub](#)

Python | Tkinter | Hashing

- Built a GUI file locker that encrypts and secures local files using hashing-based encryption and controlled access mechanisms, implemented file selection and secure key handling through an **intuitive graphical user interface**.

Technical Skills

Languages: Python — Java — SQL — HTML/CSS/JavaScript — PHP — C#

Developer Tools: Postman — Git — Fiddler — MySQL — Websockets — Render — Unity3D

Frameworks: ReactJS — NextJS — NodeJS — Flask — Selenium/Playwright