

## Aspiring Software, AI & Data Engineer

Undergraduate Computer Science student with hands-on experience in web development, software modeling, AI/ML, and data-driven systems. Built full-stack web applications, relational database platforms, and machine learning models across academic and bootcamp environments. Proficient in Python, Java, C#, SQL, and frontend development. Proven ability to build functional applications and collaborate effectively in academic software projects. Actively seeking internships or entry-level roles in software engineering, AI/ML, or data-oriented development.

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### Core Competencies

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Programming	Data Analysis	Networking Fundamentals
Debugging	Database Design & SQL	Frontend Web Development
Algorithmic Problem Solving	Logic Design and Digital Systems	Technical Communication

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### Professional Experience

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#### **Rafik Hariri University, Lebanon**

*Front-End Web Developer*

**Oct 2025 – Dec 2025**

##### **Accomplishments:**

- Developed a multi-page responsive recipe website using HTML, CSS, JavaScript, and jQuery with dynamic content updates.
- Designed and deployed 10+ responsive web pages with consistent styling and optimized UX through devices.
- Implemented 12+ client-side UI components such as search, filters, sliders, and export features.
- Collaborated with 3 team members to structure pages and coordinate feature integration, ensuring consistent design maintaining clean Git workflows.

#### **ZAKA AI Bootcamp, Lebanon**

*Machine Learning and AI Model Developer*

**Aug 2025 – Oct 2025**

##### **Accomplishments:**

- Built and trained an emotional speech recognition model using 5+ Python libraries and ML techniques reaching optimal performance.
- Engineered MFCC features and performed feature preprocessing, normalization, preprocessing, and dataset segmentation.
- Trained and tested 3+ different training models for accurate and efficient operation.
- Conducted systematic model evaluation and tuning using validation metrics and error analysis to select the optimal approach.

#### **Rafik Hariri University, Lebanon**

*Database & Application Developer*

**Feb 2025 – April 2025**

##### **Accomplishments:**

- Architected and implemented an interactive database system for a cinema management platform using SQL Server, covering movies, screenings, tickets, users, and notifications.
- Designed a relational SQL Server database with 8+ normalized tables (movies, screenings, seats, tickets, users, payments, notifications, etc.), enforcing 10+ primary/foreign key relationships to guarantee data integrity.
- Developed C# backend logic to handle ticket booking, seat availability, pricing rules, and transactional consistency.

- Built full CRUD functionality for 6+ core entities, integrating structured queries, constraints, and business rules.
- Cooperated within a team to align database schema, backend logic, and UI requirements, maintaining clean version control and modular code structure.

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## Education

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**Rafik Hariri University**, Bachelor of Science in Computer Science, CGPA: 3.85, Expected June 2026

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## Technical and Soft Skills

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### Technical Skills:

Python, Java, C#, SQL Server, HTML, CSS, JavaScript, jQuery, Git, VS Code, and SPSS

### Soft Skills:

- Problem Solving
- Analytical Thinking
- Technical Communication
- Team Collaboration
- Time Management

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## Languages

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- **Arabic:** Native
- **English:** Fluent
- **French:** Intermediate