Karam Samer *Front-End Developer*

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○ GitHub   in LinkedIn   🔗 Portfolio

Professional Summary

Front-End Developer and Computer Science student with hands-on experience in **HTML5, CSS3, and JavaScript**. Skilled in building **responsive, user-friendly web interfaces** and translating **UML system designs** into frontend prototypes. Strong understanding of **system analysis, sequence diagrams, and UI workflows**. Seeking a **Front-End Internship or Junior Front-End Developer** role.

Skills

Technical Skills
- **Front-End Development:** HTML5, CSS3, JavaScript
- **Web Concepts:** Responsive Web Design, Semantic HTML, DOM Manipulation
- **Tools & Technologies:** Git, GitHub, VS Code, Chrome DevTools

Soft Skills
- Problem Solving
- Communication
- Teamwork
- Time Management
- Adaptability

Programming Languages
- JavaScript
- Python
- Java
- C/C++

Projects

BookStore System – UML Analysis & Design
University Project
- Designed **7 UML Sequence Diagrams** covering authentication, checkout, admin, and shipping workflows.
- Wrote **complete use case descriptions** (preconditions, main flow, alternative flows, postconditions).
- Created **Class Diagram, Use Case Diagram, Activity Diagrams, and DFD Level 1**.

- Translated UML behavioral models into a **responsive front-end prototype**.
- Focused on system analysis, UI workflows, and consistency between design and implementation.

Technologies: UML, HTML5, CSS3, JavaScript **GitHub:** https://github.com/Karam-Samer/E-Commerc **Demo:** https://karam-samer.github.io/E-Commerc/
Edu

Educational Platform – Front-End Prototype

University Project (UI Only)

- Built a **responsive multi-page website** using HTML5, CSS3, and JavaScript.
- Implemented **Login and Signup pages** as visual UI demonstrations.
- Applied **semantic HTML**, responsive design principles, and clean layout structure.
- Clearly documented project scope (**no backend, no database, no real authentication**).
- Focused on usability and user experience across devices.

Technologies: HTML5, CSS3, JavaScript **GitHub:** https://github.com/Karam-Samer/EducationalPlatform **Demo:** https://karam-samer.github.io/EducationalPlatform/

Student Grade Analysis System

- Developed a **Python-based data analysis system** for student grades.
- Performed data cleaning and preprocessing on real datasets.
- Visualized grade distributions and trends.
- Applied **basic machine learning techniques** to predict student performance.

Technologies: Python, Pandas, Scikit-learn **GitHub:** https://github.com/Karam-Samer/StudentGradeAnalysis

Education

Bachelor of Computer Science   Present
Helwan University – Faculty of Computers & Information
Currently Enrolled

Front-End Web Development Program   Present
Semi-Code
In Progress

Certifications

- Python & AI – Youth Initiative

- Remote Sensing – NARSS

- GeoPython – NARSS