

Reine Breidi

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EDUCATION

American University of Beirut, Lebanon

Bachelor of Science
Degree: Computer Science
Year of Graduation: 2026
GPA: 3.45/4

PROJECTS

Online Drive Web Application

September 2025 - November 2025

- Built a Google Drive-like web application using Node.js, MongoDB, HTML, CSS and GitHub for version control.
- Implemented file/folder upload, sharing, search, filtering, sorting, and trash management.
- Designed an interactive UI supporting grid/list views, multi-file selection, contextual menus, and storage usage tracking.

SkillTrade Software Engineering Project

January 2025 - April 2025

- Token-based skill exchange website designed to facilitate direct knowledge exchange between users.
- Used HTML, CSS, JavaScript, React for frontend, FastAPI for backend and GitHub for version control.

xv6 Operating System Project

May 2025 – July 2025

- Modified the MIT xv6 operating system by adding custom system calls and corresponding user programs, using GitHub for version control.
- Implemented new shell commands in xv6 and tested functionalities for correctness.

Cybersecurity Project

September 2025 – November 2025

- Replicated real-world attacks and defenses using Kali Linux, Ubuntu, and Grafana.
- Implemented firewalls, intrusion detection, and system hardening on Ubuntu, SSH, Apache, Prometheus and MySQL.
- Analyzed network traffic and detected brute-force/DoS attacks.
- Configured Apache reverse proxy and HTTPS (SSL).

SKILLS

Programming Languages: Java, Python, C/C++, SQL, HTML, CSS, JavaScript.

Computer Software/Frameworks: Git, Jira, xv6, Kali Linux, Ubuntu VM, Visual Studio Code, MySQL, Snort (IDS).

Languages: English, French, Arabic.