



HALA EL AKHRASS

Computer Scientist

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Beirut, Lebanon

EDUCATION

Lebanese American University

Senior Computer Science Student
2023-2026

Distinction List Fall2023
Distinction List Spring2024
Distinction List Fall2024
Distinction List Spring2025

SKILLS

- Coding Skills in Python, Java, C, SQL, HTML, CSS, JavaScript and PHP
- MySQL and Netbeans
- Leadership of projects
- Critical Thinking
- Problem solving
- Communication Skills

EXPERIENCE

- Secretary of a club
- Participated in several events as data collective
- PowerPoint creating and designing

ABOUT ME

I am currently a senior studying Computer Science at Lebanese American University with a 3.90 GPA. I've developed coding skills across several programming languages, as well as experience in database management, web development, game development, artificial intelligence and cybersecurity. I am passionate about my field, enjoy learning, developing my critical thinking and problem solving, and becoming more experienced in the workplace.

PROJECTS

2 Projects In

Cyber Security

- Conducted research on the ILOVEYOU virus attack.
- Addressed the causes, the methods used like malicious scripts, the targets and the impacts.
- Ultimately provided some future approaches.

Database Management System

- In a collaborative effort, we developed an Online Shop database management system.
- Executed the ER diagram, relational models, tables, and data insertion in MYSQL.
- Utilized SQL for triggers and queries to implement GUI on netbeans.

My Resume – Web Development

- Developed my own resume using HTML and CSS
- <https://halaakh.github.io/myResume/>

42 Piscine – Intensive C, Bash & Git Programming Bootcamp

February, 2025

- Collaborative, peer-to-peer learning in C programming, bash and GitHub, focusing on problem solving and algorithmic thinking.
- Worked on Rush projects as a team to contribute to developing coding skills and collaboration.
- Weekly exams, earned 100s, demonstrating strong logic, efficiency, and technical, scientific knowledge.
- Was able to debug and write cleaner and more efficient code while balancing multiple tasks under pressure.

Resin by Hala – E-commerce Resin Art Website

Personal Project | HTML, CSS, JavaScript, PHP, MySQL

- Developed a responsive online store for an actual resin art company, with product categories, user authentication, cart system, and custom order functionality.
- I managed the frontend design and backend logic using XAMPP and a MySQL Database.

Ramzi Computers – Online Tech Retail Platform

Team Project | HTML, CSS, JavaScript, PHP, MySQL

- Together developed a fully functional online site for a computer store, including browsing products, reviews, personal recommendations, and live tracking for orders.
- Worked on both frontend and backend development to enhance customer experience and improve online tech buying.

SafeSend – Secure File Sharing Application

Personal Project | Python, Sockets, Tkinter, File I/O

- Created a secure file-sharing desktop application with graphical user interface using Tkinter.
 - Implemented a user authentication system with file upload/download, delete files/folders, and directory management functionality.
 - Created support for multi-client connection support, server-side logging, and individual download folder for each user.
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C E R T I F I C A T E S

- LinkedIn Learning- HTML Essential Training
 - LinkedIn Learning- CSS Essential Training
 - LinkedIn Learning- JavaScript Essential Training
 - LinkedIn Learning- Git Essential Training
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C O U R S E S T A K E N

- Introduction to Object Oriented Programming
- Objects and Data Abstraction
- Algorithms and Data Structures
- Software Engineering
- Web Programming
- Database Management System
- Computer Networks
- Digital Cultures - AI and Cyber Security