



HALA EL AKHRASS

Computer Scientist

CONTACT

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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, Netbeans and Supabase
- Leadership of projects
- Critical Thinking
- Problem solving
- Communication Skills

EXPERIENCE

- 2-month Internship at Greateck with Outstanding Performance
- 42 Piscine
- Secretary of a club
- Participated in several events as data collective
- PowerPoint creating and designing

ABOUT ME

I am a senior Computer Science student 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

Software Development Internship at Greateck with outstanding performance

Web Development Project

June 1st, 2025 – July 31st, 2025

- Worked on the development of a browser-based game using **Phaser.js**
- Participated in implementing game features, user authentication, and data handling using Telegram WebApp integration and **Supabase**
- Supported backend interactions and development setup using **Node.js**

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.

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
- Greateck Certificate of Internship

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