

Khaled Abdul Samad

Computer Science Senior | Software Developer

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EDUCATION

Beirut Arab University, Beirut — Computer Science

SEPTEMBER 2020 - Ongoing

- CGPA: 4.0/4.0, Ranked second over three campuses.
- Member in the Community Service and Alumni Committee.
- Founding member of the Competitive Programming Club (CPC).

Le Lycee National, Semkanieh — Lebanese Baccalaureate

SEPTEMBER 2017 - JUNE 2020

- Ranked First in both English and French sections.

PROJECTS

e-Pantry — Senior Project I

- e-Pantry is a mobile application that aims to solve problems by providing the user with a digital version of their pantry.
- SDLC Models, Feasibility Study, Software Requirement Specification, UI Prototype, and other diagrams were covered.
- Implementation and testing stages are in progress.

Jobability — Software Engineering

- Job portal tailored for people of determination.
- Ranked in the top 5 best projects in IAAF competition 2022.

Tahajja — Database Systems

- Speech therapy application targeted for children with speech disorders.
- Used Microsoft SQL Server as our relational database management system.

Fingerprint Recognition — Image Processing

- Biometric authentication through fingerprint recognition using Crossing Number Based Minutiae Extraction.
- Programmed with Python, using OpenCV and NumPy Libraries.

University Management System — Data Structure

- Arrays, Linked List, Stack, and Priority Queue were used in this program.
- Programmed using Java.

PC Shop and Recommender Website — Web Development

- Recommends a laptop to the user according to a series of questions.
- Programmed using JavaScript, PHP, HTML, and CSS.

Hotel Management System — Object Oriented Programming

- Encapsulation, abstraction, inheritance, and polymorphism were applied in this project.
- Developed with Java on Eclipse IDE.

EXPERIENCE

LCPC - Lebanese Collegiate Programming Contest

OCTOBER 8 2022

- Had the opportunities to interact, demonstrate, and improve my teamwork, programming, and problem-solving prowess.

Nirvana Generations — Special Education Teacher

OCTOBER 2020 - JUNE 2021

- Inspired and educated a special needs student while cooperating with leading educational professionals.
- Used STEAM approach to guide student inquiry, discussion, and problem-solving.

Photo Radi — Part-time Photographer and Videographer

JUNE 2017 - Ongoing

- Worked under stress and pressure and gained invaluable communication and social skills.

SKILLS

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|----------------------|-------|
| Software Engineering | ★★★★★ |
| Computer Networks | ★★★★★ |
| Algorithms | ★★★★★ |
| Database Systems | ★★★★★ |
| Data Structures | ★★★★★ |
| OOP | ★★★★★ |
| Web Development | ★★★★★ |
| Image Processing | ★★★★★ |
| Java | ★★★★★ |
| C++ | ★★★★★ |
| Python | ★★★★★ |
| C# | ★★★★☆ |
| Html / CSS | ★★★★☆ |
| Haskell | ★★★★☆ |
| Prolog | ★★★★☆ |
| SQL | ★★★★☆ |
| JavaScript | ★★★★☆ |
| Ruby | ★★★★☆ |
| PHP | ★★★★☆ |

CERTIFICATES

Introduction to Cybersecurity - Cisco

NoSQL Systems - Coursera

CompTIA A+ 1000 - Alison

IC3 Digital Literacy Certification - Certiport

Master Course in Time Management - Udemy

Be Your Own Boss Workshop - BAU

LANGUAGES

Arabic: Native Speaker.

English: Fluent Speaker.