

# Khaled Khaled

## Senior Computer Science Undergraduate



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I am currently a senior Computer Science student at the American University of Beirut. I am interested in the fields of Machine Learning, Cyber Security, and Quantum Computing. I am passionate about what I am studying and am determined to excel in my field of work.

## Academic History

### American University of Beirut

Bachelor's degree in Computer Science  
Expected in May 2022

### Lycée Franco-Libanais Verdun

French Scientific Baccalaureate  
May 2019

## Experience

### Tutor

2020 - Current

- Tutored several undergraduate students; from local universities, as well as international universities remotely
- Subjects include programming in multiple languages, in addition to guiding students through assignments and projects.

## Projects

### inQueue (January - May 2021)

Web Application that allows multiple queue management, queueing inline via mobile phone, in addition to the data management of visitors

- Created queueing system using Azure Services, and managed them using controllers in C# and VS
- Managed incoming data with the Entity Framework ORM, in addition to MySQL

### Police / Civilian Database system (January - May 2021)

Web Application that allows the user (the police force) to efficiently retrieve information about civilians or colleagues, in addition to the availability of filtered / conditional results and queries.

### Website overhaul for the Syndicate of Computer Sciences in Lebanon (September 2021 - Current)

Renovation of the website, which includes rewriting using a new environment (Oracle Apex), with the migration of the existing functionalities, in addition to the implementation of a financial transaction system.

## Undergraduate Coursework

### Computer Science Coursework

Programming with Data Structures - Software Construction and Engineering - Computer Organization - Programming Languages - Database Systems - Operating Systems - Theory of Computation - Machine Learning - Data Science - Game Programming - Computer Networks

### Other Coursework

Probability and Random Variables - Linear Algebra - Discrete Structures and Mathematics

## Skills

### Spoken Languages

English - French - Arabic

### Programming Languages

Python - R - Java - SQL - C - C# - C++

### Tools and Technologies

.NET Core 5 - Entity Framework - Azure Services - MySQL - Postman - Git - Oracle Cloud Infrastructure - Oracle APEX - Linux - Jupyter - VS - VSCode - Eclipse - Agile

## Involvement

### Computer Science Student Society

Active member (Since January 2020)

- Hosted a programming crash course in Java for 60+ students, as an instructor.

### Game Development & eSports club

Member (September 2019 - May 2020)