

# SERGIO KOUBAYATI

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## EDUCATION

**Lebanese University - CNAM**  
BS Computer Science

Beirut  
Sep 2017 - Oct 2020 (Expected)

## EXPERIENCE

**Administrative**  
*Software Engineer*

Beirut  
April 2020 - Present

- Worked on the main Training Management System(TMS) platform
- Built and worked on multiple backends for Projects with Flask/Python utilising the TDD process
- Developed the Frontend for the main Learning Management System(LMS) in React
- Developed the GraphQL API
- Worked remotely within an agile environment in a 5 people team

**Murex**  
*BI / Software Engineer Intern*

Beirut  
July 2019 - October 2019

- Saved 1000s of man hours by automating a ticketing system using an optimization algorithm in Python.
- Implemented clustering algorithms to classify piles of documents in Python.
- Developed a full stack web application with a team using Scrum Methodology.

**Bmind Software**  
*Software Engineer Intern*

Jounieh  
December 2018 - May 2019

- Developed an appointment scheduler for a future client in C#.NET.
- Developed and implemented fixes in the current product in Java.

**Byblos Bank Group**  
*Database Admin Intern*

Beirut  
June 2018 - August 2018

- Prepared reports to aid in database scaling.
- Wrote SQL commands to fix errors in the databases.
- Fixed backup failures.

## SKILLS

Programming Languages:	Java, C#, PHP, Python, C/C++, HTML/CSS/Javascript
Technologies and Frameworks:	MySQL, MS SQL Server, Git, Jira, GraphQL, React, Redux, Docker
Languages:	English, French, Arabic
BI Softwares:	PowerBI, QlikSense
Machine Learning Libraries:	Scikit-learn (beginner)
Interests:	Cryptocurrency, Machine learning

## PROJECTS

### Information Management System Java

Developed an Information Management System for universities where you can register students, teachers(and their coursework), grades and schedules.

### Shopping List PHP, MySQL

Developed an online shopping list where you can share your lists with different users and collaborate on them.

### Social Network PHP, MySQL

Developed a social network built on events where you can create meetups/events, confirm attendance, buy tickets, lookup meetups near you, and chat with other users.

### Flight Scanner Flask

Built a website that pulls in data from multiple flight aggregators and gives you the cheapest flight possible for your date.

**Assignment Grader *Java***

Built a programming assignment grader to help with grading Java programming projects (Built with multiple design patterns)

**AWARDS**

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**Hult Prize Lebanon**

Lead a team of 3 where we developed a shoe that generates enough energy to charge your electronic devices.

3rd Place

May 2018