

## EXPERIENCE

### Lab Instructor | Teacher Assistant of The Software Engineering Class

June. 2021 – January 2022

Al Akhawayn University | Ifrane, Morocco

- Providing Lectures to students in order to strengthen their understanding of the class material.
- Attending to students' needs in terms of Lab access and usage: installs, configs, walk-through.
- Supporting students in using the course technology stack: CASE tool, IDE, programming language.
- Linking students' term project sprints to the course theoretical background and ILOs.
- Re-designing the lectures so that the instructor concentrates on the main blocs/ideas/ILOs presentation.
- Adding/dropping/consolidating different topics/chapters related to class material.
- Reviewing and updating the handout of the Course.

### Member of The Mechatronics Lab Management Team

2020 - January 2022

Mechatronics Lab | Al Akhawayn University

Member of the software development team of the Vex robotic competition. Member of the ROV robotic competition software and electric circuit team. Coordinator of the ROV competition team by organizing meetings and being responsible for the progression of the team.

#### Key Accomplishments:

- Qualification to Vex 2021 International Competition, USA.
- 2nd Position in The Vex 2021 National Competition, Morocco.
- Organization of The Robotics National Competition “ AUROBAT 2021 ”.
- Member of the sponsoring team of the Mechatronics Lab
- Development of the official mechatronics team website, using Html, CSS, JavaScript, and jQuery.

### Machine Learning Pipeline

January 2021- May 2021

Al Akhawayn University | Ifrane, Morocco

- Partial Machine Learning Pipeline ( Data ingestion, Data Validation, Data preprocessing)
- Machine Learning Pipeline Orchestration using Apache airflow.

### Member of the Leadership Development Program

September. 2019 - May. 2020

Leadership Development Institute (LDI) | Al Akhawayn University

- Improved the French level of deprived children and teenagers from a basic to an intermediate level by providing weekly tutoring sessions.
- Improved the learning conditions within the association by raising 6500 MAD for the association
- Recognized as the LDI team with the best project proposal.

### Member of the E-Marketing Department of Aiesec Ifrane

January 2019 – May 2019

Aiesec | Al Akhawayn University

Responsible for bringing Ifrane citizens into exploring Aiesec opportunities as well as providing support to 100+ interested people.

#### Key Accomplishments:

- Increased the number of people accepted for exchange opportunities from Aiesec Ifrane by 71%.
- Placed as the second best Aiesec entity of Morocco in the marketing competition “F1 race to Morocco”.

## EDUCATION

Chinese University of Hong Kong | Bachelor of Science in Computer Science

May 2022

- Exchange Program

Al Akhawayn University | Bachelor of Science in Computer Science

Expected Dec. 2022

- Minor: Business Administration
- GPA: 3.81/4.0
- Scholarship: 75%

## SKILLS

Spring Boot, REST, Microservices, Java, C, Python, VHDL, Racket, Prolog, SQL, HTML5, CSS3, JavaScript, Vex Code, Java Servlet Programming, Apache Tomcat | gRPC, Gradle, Multithreading/Asynchronous Programming, Spring Boot, Spring Security, XML SOAP, GraphQL | Machine Learning, TensorFlow extended, Apache Airflow, Google Colab, Distributed Programming in Java | Electric circuits, Arduino, Raspberry Pi | Music | Sport