

## Fahad Umaru

17 Ashburn Crescent, Charlottetown | [fahaduumar@yahoo.com](mailto:fahaduumar@yahoo.com) | [Linked In Profile](#) | +1 (902) 940 6153

### Education

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**University of Prince Edward Island** Sep 2019 – Jun 2023  
Bachelor of Science in Sustainable Design Engineering 4.0/4.3  
Graduated as Top Achiever, First Class Standing, and was honored to be the Valedictorian for the Class of 2023

**University of Prince Edward Island** Sep 2024 – Ongoing  
Master of Business Administration in Global Leadership

### Experience

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**University of Prince Edward Island, Charlottetown** September 2024 — Ongoing  
Graduate Lab Instructor,

- Assist the instructor with teaching support, lab support, and marking support.
- Assist the instructor with the supervision of students in undergraduate laboratories
- Provide pre-lab instruction and guidance to students for completion of undergraduate labs
- Work with the instructor and lab technician to ensure that all students are aware of safe laboratory procedures and comply with the same
- Assist the instructor in supporting students in the various activities associated with the Design clinics
- Provide assistance and guidance to students regarding the design process, CAD, and fabrication in the shop
- Assist the instructor with grading of assignments, tests and other materials as assigned
- Assist instructor with student evaluation as required

**Universities of Canada in Egypt, Cairo** Dec 2023 — August 2024  
Industrial Partnership Engineer,  
Dec 2023 — Present

- Foster connections and cultivate relationships with prospective industry partners to facilitate promising project opportunities.
- Coordinate gatherings between Design Instructors and potential partners to explore viable project scopes.
- Support in orchestrating and managing meetings involving faculty representatives, students, and industry collaborators to delve into project specifics and subsequent actions.
- Meetings can be scheduled either on campus or at off-site locations as per the instructor's defined agenda. Additional meetings can be arranged upon request by either party, depending on the necessity.

**Ezz steel, Cairo** Oct 2022 — Apr 2023  
Project Design Engineer

- Worked on developing an affordable and sustainable solution to address the clogging of iron pellets in the blast furnace before reduction.
- Managed a dedicated team to generate multiple options meeting material requirements, including high market availability, low material cost, and alignment with sustainable development goals.
- Ensured that conditions of the reduction process remained unchanged, including a maximum temperature of 200 degrees Celsius, a maximum pressure of 6 bars utilizing nitrogen gas, and the utilization of an in-adjustable area blast furnace.

**Infinity, Cairo** Oct 2021 — May 2022  
Project Design Engineer

- Developed an efficient solar panel cleaner to optimize the performance of solar panels by effectively removing dust and particles.

- Designed a cleaning mechanism suitable for various panel sizes, utilizing a dry cleaning method to eliminate water usage.
- Provided valuable input in developing a remote control or automated system for operating the cleaner

**Gastec, Cairo Technology-GASTEC**  
Intern

Jun 2021 — Jul 2021

- Converted gasoline cars to run on natural gas and conducted maintenance of gas compressors.
- Thoroughly disassembled and analyzed different engines in cars, buses, and motorcycles.
- Inserted a gas system in cars for fuel and gas consumption.

**Universities of Canada in Cairo, Cairo**

Apr 2021 — Apr 2022

President for the Student Union at the Universities of Canada in Egypt

- Provided leadership and guidance to the student body, advocating for their needs and interests.
- Represented students' voices in meetings with university administration, faculty, and other stakeholders.
- Oversaw the planning and execution of various events, activities, and initiatives to enhance the student experience on campus.
- Collaborated with other student union members and committees to address student concerns, promote diversity and inclusion, and foster a sense of community.

**Universities of Canada in Egypt, Cairo**

Feb 2021 — Apr 2021

President of The Engineering Society, Universities of Canada in Cairo Egypt

- Worked on ensuring all necessary services for engineers were available.
- Created the Engineering Society and led the first Engineering Society Team.

**Universities of Canada in Egypt, Cairo**

Jan 2021 — Jun 2022

Student Representative for the Faculty of Sustainable Design Engineering Health and Safety Committee

- Reviewed and provided guidance on the design, development, and implementation of the Health and Safety Management System (HSMS) within the faculty of engineering laboratory facilities.
- Met periodically to review and provide oversight on the health and safety management system.
- Charged with forming and overseeing standing and ad hoc committees as needed.
- Contributed to the development and maintenance of the FSDE Operational Health and Safety Manual.

## **Activities & Extracurriculars**

**Universities of Canada in Egypt, Cairo**

May 2020 — May 2021

Orientation Ambassador

- Assisted first-year students in settling on campus through engaging activities.

## **Awards & Accomplishments**

Shell Nexplorer

Jan 2021

- 10<sup>th</sup> Place Winner out of 200 teams

Deans Honors List

Sep 2022

Certificate of Top Achiever

June 2023

## **Skills & Interests**

**Expert:** Problem-Solving

**Expert:** Communication

**Expert:** Public Speaking

**Expert:** Customer Service

**Expert:** Project Management

**Expert:** Sales

**Intermediate:** HubSpot CRM Usage