KAREEM ZEAIR

St. John's NL, Canada | +1 (709) 771-8572 | knzeair@mun.ca | LinkedIn | GitHub

Education

2019-Present   **Bachelor of Engineering | Memorial University of Newfoundland**

- Computer Engineering (Co-op), 2nd year, Class of 2024
- International Students Entrance Scholarship 2019 ($4400)

Extracurricular Activities

2021-Present   **Member Board of Trustees** at **Hack Frost NL** in **St. John's, NL**

- Established the organization's bylaws and set its mission and vision
- Restructured the organization and planned for upcoming events

2021-Present   **Financial Team Member** at **Hack Frost NL** in **St. John's, NL**

- Planning and organizing a student-led Hackathon with a multidisciplinary team
- Created a sponsorship package and a budget plan and hosted meetings with sponsors
- Planned the schedule for the event and designed the registration forms

2017-2018   **Fundraising Member** at **Industry Development Team** in **Cairo, Egypt**

- Presented sponsorship packages to potential sponsors at engineering/tech fairs
- Developed a contact database for organization's records using Excel
- Organized a networking event for university students to find internships

Projects

2020   **Water Transportation Trolley** at **Memorial University** in **St. John's, NL**

- Researched with my teammates the problem of water collection in Africa
- Designed a trolley to facilitate transporting water while increasing efficiency

2019   **Traffic Lights System** at **Memorial University** in **St. John's, NL**

- Built a model using python with Arduino and other components
- Worked on troubleshooting with my teammate to solve problems with the code

2018   **Remote-controlled Firefighting Car** at **Steps Towards Progress** in **Cairo, Egypt**

- Designed the car chassis using Solidworks and 3D printed it
- Built the Bluetooth controlled car using Arduino, pumps, and sensors

Work Experience

2021-Present   **Eng. Co-op Student** at **Community Centre Alliance (CCA) NL** in **St. John's, NL**

- Organizing STEM workshops and activities for kids and youth ages 5-18 years
- Delivered a MOOCs seminar to the CCA's employment facilitators

2018-2019   **Academic Moderator** at **Steps Towards Progress** in **Cairo**, **Egypt**

- Created and hosted six workshops on robotics using Arduino for multidisciplinary undergraduates from different Egyptian universities
- Developed creative methods to explain and apply the contents of each workshop to over 20 participants per session and supervised their final projects
- Planned the participants' end-of-year competition with the organization

Volunteer Experience

2015-2016   **Volunteer** at **Life Makers New Cairo** in **Cairo, Egypt**

- Collected and distributed food and tutored adult literacy classes

2014-2015   **Fundraising Volunteer** at **Resala Charity Organization** in **Cairo**, **Egypt**

- Established with a fellow volunteer a new donations booth and recruited and trained volunteers
- Organized the annual free clothes fair

2013-2014   **Volunteer** at **Bedaya** in **Cairo**, **Egypt**

- Organized a clothes fair, distributed food, and tutored underprivileged children

Skills

- Python, Arduino, and Matlab
- HTML, CSS, & JavaScript
- MS Office & Google Workspace
- Bilingual, fluent in Arabic & English
- Excellent written, verbal, presentation, and negotiation skills
- Self-learner, enthusiastic, team motivated, organized, and resourceful

Interests

- Programming, data science, graphic design, Research projects
- Volunteering and self-learning