

ZAID DUR Aid

St. John's, NL

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EDUCATION

2022 – PRESENT

MEMORIAL UNIVERSITY OF NEWFOUNDLAND, ST. JOHN'S NL

Faculty of Engineering and Applied Science

Enrolled in academic term 3, expected graduation 2027

Bachelor of Computer Engineering Co-op Program

Current GPA 4.0/4.0 (96.2%)

2019 – 2022

GANDER COLLEGIATE HIGH SCHOOL, GANDER NL

Graduated with top average of 99.3% in grade 12

SCHOLARSHIPS AND AWARDS

- Memorial University Alumni Entrance Scholarship
- Engineering Dean's List 2022-2023
- Verafin Inc. Computer Engineering Scholarship
- Charlie Sheppard Memorial – Hatch Scholarship
- PEGNL Past-President Scholarship
- Gander Lions Club Student Community Leaders Scholarship
- NLESD Education Foundation Scholarship
- Engineering Python Course Top Project
- Town of Gander Scholarship
- Numerous high school top academic awards

WORK EXPERIENCE

MAY 2023 – AUG 2023

ELECTRICAL ENGINEERING INTERN (PROTECTION), NEWFOUNDLAND AND LABRADOR HYDRO

Worked in NLHydro's Protection, Controls, and Communications (PCC) Department.

Revised and upgraded electrical drawings for replacing protection equipment in NLHydro's power transmission network.

Conducted site visits to Terminal Stations for engineering work, mainly electrical panel design.

Assisted engineers within the department with various technical jobs.

Performed a technical presentation in front of NLHydro executives, fellow interns, and respective supervisors.

FEB 2023 – PRESENT (UNPAID)

SOFTWARE TEAM LEAD, EASTERN EDGE ROBOTICS STUDENT-LED ENGINEERING TEAM

Traveled to Colorado for the 2023 [MATE International Remotely Operated Vehicle \(ROV\) Competition](#).

Actively participate in team workshops for 6 hours per week, not including week-long task responsibilities.

Write code for the Team's software package (GUI, ROV Control, Video Processing).

Help troubleshoot networking and software issues with the ROV's onboard Raspberry Pi Compute Modules.

Promoted to Software Team Lead for the 2023-2024 year.

Other work experience includes Walmart Salesfloor Associate and High School Math Tutor (both 2020 – 2022)

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VOLUNTEER EXPERIENCE

OCTOBER 2019 – MARCH 2020 AND DECEMBER 2021 – SEPTEMBER 2022

PATIENT COMFORT ASSISTANT AND GIFTSHOP CLERK, JAMES PATON MEMORIAL HOSPITAL, CENTRAL HEALTH

Inquired about and fulfilled patients' needs through stocking gloves, waste bags, toiletries, and more as comfort assistant. Chatted often with patients to improve mood.

Operated cash register, prepared coffee, and recorded different types of transactions based on product-specific tax as Gift Shop Clerk.

Volunteered once a week for an overall total of 60+ hours.

Still volunteer during semester breaks and whenever back in town.

NOVEMBER 2021 – JUNE 2022

BOWLING SCOREKEEPER, GANDER SPECIAL OLYMPICS BOWLING CLUB

Attended nearly every weekly bowling night as a dependable volunteer.

Cheered on athletes with various needs to do their best.

Made good friendships with athletes and other volunteers and had an overall great time!

SKILLS AND CERTIFICATIONS

- Proficient in programming with Python for robotics applications; Exposure to C++ in same field
- [Experience with C# through Unity game engine](#)
- Experience with the Linux and Windows command line in robotics and networking applications
- Basic knowledge in computer networking topics such as TCP/IP, wired and wireless connection types, and network troubleshooting methods
- Certified SOLIDWORKS Associate (CSWA)
- Experience in analysis, review, and construction of Electrical Drawings for substation protection equipment
- Fluent in English, Arabic (mother tongue), and French (DELF B1 certification)
- Emergency First Aid Certified through Excellence Training

ACTIVITIES AND EXTRACURRICULARS

- Active member of the Phoenix Aerospace Engineering Team in Memorial University's Student Design Hub (3hrs, once a week) in addition to Eastern Edge Robotics
- Volunteered in the MATE Regional NL ROV competition on May 4th-6th 2023 as Safety Inspector Assistant and Technical Support Person
- Contacted various companies for sponsorship requests for the 2024 Canadian Engineering Leadership Conference, organized by members of Memorial University Engineering Student Society B
- Avid gym-goer for 4+ years, focus on strength training
- Participated in High School Band as trombone player
- Created volunteer projects for 3 consecutive years for the Sharing Our Cultures high school program