

Intesarul Qayyum Khan

intesarul.khan@mail.mcgill.ca | 📞 | +1-514-431-6169

EDUCATION

MCGILL UNIVERSITY

BENG IN ELECTRICAL ENGINEERING

Graduated in May 2019

SKILLS

LANGUAGES

•SQL •Python •Java •HTML•CSS •VHDL
•Visual Basic •C

SOFTWARE

•Excel •PowerBI •Office 365 •Eclipse
•AutoCAD •Power Platform •Android
Studio •Visual studio Code •Adobe
Photoshop •MATLAB

CERTIFICATIONS

PEng (ongoing registration)
Green Belt Six Sigma

COURSEWORK

UNDERGRADUATE

Coursera Machine Learning
Coursera Python Data Structures
Digital Signal Processing
Antennas
Design Principles and methods
Digital System Design
Controls & Robotics

EXTRA-

CURRICULAR

MCGILL ROBOTICS

- Communication and perception Mars
Rover sub team.
- Researched and proposed solution for the
architecture of the Rover.

VP FINANCE @ BSA MCGILL

- Managed the budget of the student
association which is catered to McGill
Bengali Community.
- Organized cultural events & used effective
promotion strategies to raise popularity.

EXPERIENCE

GLENCORE, KIDD OPERATIONS

EIT - OPERATIONS TECHNOLOGY

Sept 2020 – Current| Timmins, ON, Canada

- Led a project worth 1 Million for implementation of Collision Avoidance System across Glencore.
- Aided the operations manager to achieve individualistic goals (analysing automation performance, digitization of mine processes)
- Created data models & a monitoring system which helped the automation team to identify bottlenecks and prioritize key tasks.
- Provided project Managers with insightful reports, interactive dashboards and conclusions regarding mine performance.
- Analyzed trends and provided a solution to mitigate internal teams error through deploying a desktop Application.
- Optimized process planning which increase mucking production in collaboration with other stakeholders.
- Developed numerous applications for efficient Data collection,analysis and validation.
- Provided assistance in field commissioning and in troubleshooting issues with HMI systems.
- Provided support for Automation servers and clients.

QNSGLOBAL LOGISTICS GROUP

AUDIT COORDINATOR

Aug 2019 – Dec 2019| Dhaka, Bangladesh

- Represented the board of directors in overseeing an investigative audit and process improvement carried out by KPMG Bangladesh.
- Supported in business planning and improved functions of multiple departments, by simplified documentations and reporting ensuring accountability via role specification and secretions via process charts.
- Improved operational efficiency by over 30% and accountability via implementing a system of fact-based solution to establish and optimise accurate time & cost benchmarks.

MICROSOFT

INTERN | PRODUCT SUPPORT

May 2016 – Sep 2016 | Dhaka, Bangladesh

- Maintained client records and proposed guidelines for transition to Microsoft Azure to Clients.
- Worked with the sales team on negotiating contracts with prospective clients.

ENGINEERING PROJECTS

CLASSMATE Feb 2018 – May 2018 | McHacks, McGill

-Developed an application on Android studio that enables student to find the perfect Study buddy.
-Set up Google and Facebook Authentication for logging in.
-Used Google firebase as the mainframe Database.

WASTE MANAGEMENT SOLUTION Sep 2017 – Apr 2018 |McGill Sustainability office

-Built a real time Real-time Wireless Waste Monitoring system web application.
-Developed an API for the sensors and synchronized data collection with the MYKO app.

MIND-CONTROLLED LINE FOLLOWING ROBOT Mar 2016 | Robohacks

-Built a line following robot that activates(start/stop) depending on the frequency of the user's brainwaves/jaw clenches.
-Collected EEG (electroencephalogram) data using a MuseTM headband.
-Simultaneously helped my teammates assemble and calibrate the robot which reduced the project time by 25 % helping us finish in less than 24 hours.