

Abdullah Syed

abdullah.syed@torontomu.ca

647-763-8970

Education

Toronto Metropolitan University

Sept 2019 – Apr 2024

Bachelor of Electrical Engineering

- **Relevant Courses:** Electronic Circuits, Continuous and Discrete Signal Processing, Control Systems, Microprocessor Systems

Skills

-
- Languages: Java, C, MATLAB, Python
 - Software: Multisim, Intel Quartus, CodeWarrior, Microsoft Office, VNC, G Suite
 - Languages spoken: English, Urdu, Hindi
 - Circuit design analysis, simulation and physical implementation
 - Problem solving and critical thinking demonstrated through rigorous curriculum and projects.
 - Ability to persevere through and overcome failure to attain success.

Projects

Function Generator Design Project - October 2022

- Designed, from scratch, a voltage-controlled frequency square and triangle wave function generator with added gain control using LM741CN and LM318CN Op-Amps.
- Final design was implemented on a breadboard and made to be adherent to strict specifications.

Robot Guidance Challenge - November 2021

- Used assembly language to program simulation of Motorola HCS12 microcontroller in CodeWarrior IDE.
- Goal of the project was to be able to guide a robot through a maze.

Amplifier Design Project - June 2021

- Used Multisim software to design an amplifier from scratch using BJTs and MOSFETs.
- Final product was adherent to strict specifications.
- Applied various critically thought-out problem-solving techniques to make the final product work.

Professional Experience

Sheen for She Foundation - Toronto, ON, Mar 2019 – Present

Staff Volunteer

- Helped market services and setup/carryout events.
- Lead and supervised volunteers through activities.
- Enhanced my leadership, interpersonal and public speaking skills through dealing with volunteers and clients.
- Made a meaningful impact in the community, by helping the underprivileged population in the GTA access services they may not have been able to otherwise.

S&P Data - Toronto, ON, Sept 2020 – Oct 2020

Customer Service and Sales Specialist – Customer Retention Team

- Worked for phone company T-Mobile in resolving customer complaints.
- Marketed products and promotions to retain customers within the company.
- Mastered my customer service and communication skills dealing with tough clients.
- Adapted to a fast-paced work environment with various challenging situations.