

# Abdur Rehman Malik

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## OBJECTIVE

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I am looking for an opportunity in a reputed organization which will help me deliver my best and upgrade my skills in engineering and meet the demands of the organization

## EDUCATION

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### **Bachelor of Engineering, Computer Engineering**

*McMaster University - Hamilton, Ontario, Canada*

Graduated April 2018

### **Udemy - Online Education Platform**

May 2018 - October 2018

- Oracle SQL
- PLC Programming (Allen Bradley)
- Circuit Board Design (Altium Designer)

## EXPERIENCE

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### **Software Systems Integrator**

Circuit Check Inc - Burlington, Ontario, Canada

August 2018 - October 2018

- Maintain and develop software for hardware testing fixtures used in the engineering industry
- Code written in NI LabWindows/CVI and the final product tested using NI TestStand based on client specifications
- Work in a collaborative environment to resolve hardware issues such as faulty wiring, missing connections and checking for continuity

### **Design Engineer**

Avaroh - Hamilton, Ontario, Canada

May 2016 - December 2016

Worked alongside my colleagues on a start-up. We created a hand-held gesture tracking device for presentation purpose which was to be used by academics in lecture halls, eliminating the need for a cursor.

- Designing and testing of multilayer PCB boards using Ki-Cad software and programming the ATMEL microcontroller in C
- Responsible for debugging and re-designing on the boards to account for changes in the design

## SKILLS

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- **Languages:** C, C++, HTML, Java, JavaScript, MATLAB, Python, SQL, VHDL
- **Software:** Altera Quartus, Altium Designer, Android Studio, ATMEL Studio, AutoCAD, Brackets, Microsoft Office (Excel, PowerPoint, Word), Microsoft Visual Studio, ModelSim, National Instruments (LabWindows/CVI & TestStand), Red Hat Enterprise Linux, RSLOGIX 500

## CERTIFICATIONS

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**Ki-Cad Design Course – IEEE Certification** - February 2015 - McMaster University, Hamilton, Ontario

**The Complete Oracle SQL** - May 2018 - Udemy Online Education Platform

**PLC Programming From Scratch (PLC I)** - October 2018 - Udemy Online Education Platform

**PCB Board Design (Altium Designer)** - December 2018 - Udemy Online Education Platform

## ACTIVITIES

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### **Capstone Engineering**

McMaster University, Hamilton, Ontario

September 2016 – April 2017

Presented at McMaster ECE Expo to representatives from Intel and AMD.

- Worked in a group alongside my colleagues and led the team presentation in front of the dean of engineering and senior engineers from the industry
- Designed and built an augmented reality glasses with functionality such as navigation, live weather and hand gesture control.
- Developed an interactive Android app for serial communication between the microcontroller and the cell phone.