Rabiya Majeed

3B Electrical Engineering

rmajeed@uwaterloo.ca | Rabiya Majeed | rabiyamajeed.github.io

SKILLS

Software Tools: Revit, AutoCAD, Bluebeam, Visual Lighting, Git, Eclipse, VS Code, Jira, Confluence, Trello
Hardware Tools: Arduino, Proteus, Quartus, Altium, PSIM, LTspice, STM32F-
Languages: C / C++, Python, VHDL, MATLAB, PowerShell, HTML, CSS, ARM Assembly

EXPERIENCE

Electrical Engineering Intern   May 2022 - August 2022

Stantec Consulting Ltd – Toronto

- Performed interior and exterior photometric analysis to ensure lighting specifications were met
- Created CCNs, SIs and CDs as per site and client directive
- Reviewed quotes, RFIs, and construction shop drawings provided by contractors and compared them with provided project specifications
- Utilized Revit, AutoCAD and Bluebeam to update electrical drawings according to markups given by senior engineers
- Gained working knowledge of OBC, OESC, ULC S524, CEC, LEED and WELL standards

Undergraduate Teaching Assistant   Sept 2021 - Dec 2021

Faculty of Engineering – University of Waterloo

- Effectively communicated with professors and other teaching assistants to design course content for over 400 students learning programming for the first time
- Worked within a multi-disciplinary group to evaluate student understanding of course concepts. The information gathered was then used to plan 10+ Help sessions for struggling students
- Evaluated and analyzed test cases of 15 previous quizzes and proposed fixes to increase clarity for students

Electrical Sub-Team Member   Sept 2020 - Present

Waterloo Formula Electric – University of Waterloo

- Utilized Altium Designer to modify schematics and PCB layouts for the Battery Management Unit
- Soldered boards and helped debug communications issues between the accumulator management unit and battery management unit using oscilloscopes and multimeters

EDUCATION

Candidate for BASc in Electrical Engineering, University of Waterloo   Sept 2019 - May 2024

- Power Systems and Smart Grids
- Radio Frequency and Microwave circuits
- Analog Control systems
- Probability and Statistics 2

Certifications

- B1 DELF certified

EXTRACURRICULARS

Academic Representative	Sept 2019 – Present
Engineering Ambassador	Sept 2020 – Present
Orientation Leader	Sept 2020 – Present
University of Waterloo Dragon Boat Club	Sept 2022 – Present