

MUHANA BEGUM

647-766-1469 | m6begum@uwaterloo.ca | <https://www.linkedin.com/in/muhana-begum> | www.github.com/muhanabegum

SKILLS

Languages: C++, Python, JavaScript, SQL, PHP, HTML, CSS

Tools: Power BI, Bootstrap, Vue.js, Excel, MATLAB

Design: Figma, InVision Studio, AutoCAD, Adobe XD

EXPERIENCE

Systems Database Analyst • Ryerson University

May 2020 – Aug 2020, Toronto ON

- Collected data within database systems and created new dashboards for analytics and insights in Excel for faculty administration and the Dean of Engineering to use on a weekly basis
- Integrated information environments together and automated tasks in Salesforce using Apex, flows and processes to decrease event management and data collection responsibilities by 90%

Student Intern – Electrical Team • Nemetz (S/A) & Associates

July 2018 – Aug 2018, Toronto ON

- Simplified electrical layout drafts, modelled mechanical components for company publications and demonstrated thorough design and technical proficiency with AutoCAD
- Documented and filed field reports, technical reports, and administrative tasks using MS Word & Excel to be published internally and externally for client review

PROJECTS

Personal Web Portfolio • <http://www.muhanabegum.me/>

- Developed a personal website using Bootstrap, jQuery and AOS to increase interactivity and improve design
- Applied color theory, typography and modern web trends to enhance user experience

Data Analyst Job Market Dashboard • <https://data-analyst-jobs.herokuapp.com/>

- Analyzed and interpreted data with Python to generate analytics and visuals in a Jupyter Notebook
- Integrated the analytics into Streamlit to create an interactive web application to showcase data for users

Study Session Review Tracker • <https://review-topics-tracker.netlify.app/>

- Created a website using Vue.js and CSS with different components for easy editing and style
- Designed the web app with appropriate colors and layout for user simplicity and functionality

Thoughtful Opinions Web Page • <http://www.muhanabegum.me/opinions-page/>

- Generated randomly displayed quotes on an aesthetic user interface by using the Quote Garden API
- Implemented JavaScript functions for users to easily record and visualize their likes, dislikes and progress

EDUCATION

Bachelor of Applied Science – Honours Electrical Engineering • University of Waterloo

Sep 2019 – May 2024, Waterloo ON