

# MUHANA BEGUM

647-766-1469 | [m6begum@uwaterloo.ca](mailto:m6begum@uwaterloo.ca) | [linkedin.com/in/muhana-begum](https://www.linkedin.com/in/muhana-begum) | [github.com/muhanabegum](https://github.com/muhanabegum)

## SKILLS

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

**Tools:** Tableau, Excel, Bootstrap, Vue.js, WordPress, MATLAB

**Design:** Figma, InVision, Framer, Adobe XD

## EXPERIENCE

### Systems Database Analyst • Ryerson University

*Feb 2021 – Present, Toronto ON*

*May 2020 – Aug 2020, Toronto ON*

- Performed analysis of data collected from various database systems and created interactive visual data dashboards in Tableau and Excel
- Automated tasks in Salesforce using Apex, processes and flows to decrease event management responsibilities by 90%
- Designed and presented data intensive dashboards in Salesforce for cross-functional team use
- Conducted meetings and effectively communicated with stakeholders for feedback on dashboards and ideas for new insightful metrics to capture based on the faculty's needs and requirements
- Published email layouts for marketing with an emphasis on organization branding, standards and simple design

### Web Developer • Netact Services Inc.

*Jan 2021 – Apr 2021, Mississauga ON*

- Collaboratively worked in an agile team to visualize and redesign a case management system using Figma to create wireframes and plan user workflow
- Created websites using WordPress, implemented search engine optimization (SEO) to increase site traffic and improved web interfaces with HTML, CSS and PHP
- Regularly discussed and presented possible design solutions for improving the web user experience with stakeholders

## PROJECTS

### Personal Portfolio Website • [muhanabegum.github.io](https://muhanabegum.github.io)

- Developed a responsive single page web layout using Bootstrap, CSS, jQuery and JavaScript with user interface (UI) elements that deliver an interactive and engaging user experience (UX)
- Applied colour theory, user interface patterns and current design trends to enhance visual impact on users

### Data Analyst Job Market Dashboard • [data-analyst-jobs.herokuapp.com](https://data-analyst-jobs.herokuapp.com)

- Used Python to generate statistics, charts and visual data representations from a public Kaggle dataset
- Integrated the analytics into Streamlit to create and design an interactive data web application to communicate results with public users

## EDUCATION

### Bachelor of Applied Science – Computer Engineering • University of Waterloo

*Sep 2019 – May 2024, Waterloo ON*