


# Danyal Mahmood

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## Highlights of Qualifications

### Software Skills

- Developed strong understanding of Java, C#, as well as C, VBA, .NET and SQL to solve application development problems
- Knowledge of JavaScript, Node.js, HTML & CSS, Python, AJAX and jQuery through course work
- Experience with various Software Development Cycles and related business processes as a result of working at the City of Mississauga
- Most experience using Unix/Linux, Windows, Visual Studio, and NetBeans development environments to create software
- Starting to gain experience in the field of Artificial Intelligence through a self-made guide on GitHub

### Technical Skills

- Communication Skills, Leadership Skills, Listening Skills along with Teamwork Skills, Customer Service skills fortified by working at Tommy Hilfiger
- Excellent decision making and problem solving skills gained by working on multiple academic projects
- A highly effective and detail-oriented professional displayed through successful completion of academic courses and past employment positions

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## Experience

MAY 2018 – AUGUST 2018

### Application Developer / City of Mississauga, Mississauga, ON

- Created a much needed software application for the IT Division of the city in a four-month period
- Improved project and business management skills by way of working as a lead on a big project
- Enhanced software development skills and programming efficiency as a result of adhering to business requirements and quality standards

MAY 2017 – AUGUST 2017

### Sales Associate / Tommy Hilfiger, Halton Hills, ON

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## Education

2016 - 2021

### Bachelor of Engineering, Computer Engineering (Co-op) / University of Guelph, Guelph, On

- Current GPA 3.4 (79.8%)
- Courses: Intermediate Programming (91%), Software Dev and Integration (82%) and Data Structures (88%)

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## Academic Highlights / Projects

**All personal, business and academic projects can be found on:**  
[\*\*https://github.com/danyal1234/\*\*](https://github.com/danyal1234/)

### Application Asset Inventory System for the City of Mississauga

- Web application to manage all of the applications held by Mississauga's IT Department
- Built in ASP.NET MVC with a SQL Database using Visual Studio and SQL Server Manager as the lead developer
- Learned programming in a professional environment, including soft skills such as meeting clients to gather and document business requirements
- Gained experience programming in an Agile software development life cycle environment

### Genealogy Application – Project for Software Development and Integration at University of Guelph

- Application to handle genealogical data that allows information about families, the individuals those families are comprised and the relationships between them
- Node.js application with a C backend for data processing, as well as integration with a MySQL DB for storing genealogical family & individual data
- Learned a variety of knowledge about front-end and back-end development as well as software quality assurance

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## Volunteer Experience

SEPTEMBER 2017 – APRIL 2018

### **Tutor /** University of Guelph, Guelph, On

- Tutoring a variety of computer science and math courses such as Advanced Calculus and Intro to Programming
- Learned how to communicate with different people by teaching multiple peers
- Guiding students in tutoring sessions fortified leadership skills

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## Awards Achieved

### University of Guelph, Guelph, On

- Honour Dean's List December 2016, Dean's List April 2017
- Received University of Guelph Entrance Scholarship; admission average 85%

### Bishop Reding Secondary School, Milton, On

- Honour Roll and Ontario Scholar Award for maintaining above 80% Average