

TUSHAR SEKHRI

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<http://tusharsekhri.com> 

20751848 (Waterloo ID) #

SKILLS

PROGRAMMING	Proficient Familiar	C/C++, C#, Python, VBA, Scheme, SQL, CSS, HTML, Bash JAVA, JavaScript, SASS, PHP, R
FRAMEWORKS and TOOLS		.NET, BOOTSTRAP, TFS, Git, WordPress, SharePoint, Chrome Developer Tools

WORK EXPERIENCE

TORONTO TRANSIT COMMISSION

Jan 2019 – April 2019

Software Engineer Intern

Toronto, ON

- Maintained **40+** applications in MS Office and **.NET** environment using C#, JavaScript, SQL
- Automated the invoice printing procedures and log maintenance using **JavaScript** for **Adobe Acrobat API** and Outlook VBA to improve the invoice processing efficiency by more than 90%
- Migrated data to **SQL** Database of **7000 +** employees for successful upgradation of the credential generating system
- Developed oil inspections application for recording substance depths and generating safety advisories recognizing patterns in observations using **SQL** and **VBA Access** replacing the manual recording system
- Effectively documented a comprehensive **30-page** user manual for a new vouchers web application resulting in a faster transition from the old system

WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

April 2018 – Sept 2018

Web Designer Intern

Waterloo, ON

- Expanded and managed board's main website and other **45** school websites to increase the overall multisite score from **60%** to more than **90%**
- Accomplished **2** websites from scratch and developed course calendars for **5** high schools on web platform for better accessibility and maintainability of information
- Assisted in the successful development of Board's **StaffNet** (on a SharePoint Platform).
- Fast tracked editing of **HTML** content using **Python** Copy module for better productivity

FACULTY OF MATHEMATICS

Sept 2018 – Dec 2018

Residence Tutor

Waterloo, ON

- Assisted students with first year core math courses by following **active learning strategies** and breaking complex ideas into common analogies for better understanding of key concepts
- Improved **problem-solving** skills of students by asking probing questions

EDUCATION

UNIVERSITY OF WATERLOO

Candidate for Bachelor of Mathematics CO-OP (2B)

Term Dean's Honors List **1A** and **1B** granted to students with CAV above 80%

Cumulative Average: **89.53**

PROJECTS

BULK FILE RENAME	Allows renaming multiple files in a directory at once instead of going through each file. Bash Python
MAZE GENERATOR AND SOLVER	Generates mazes corresponding to the specified size and provides at least one solution path to it. C
PERSONAL WEBSITE	Developed fully functional personal website with a contact form and blog page
PAYROLL MANAGEMENT SYSTEM	Allows adding new employees, modifying their records, printing salary slips etc. C++

COMMUNITY INVOLVEMENT

AIRPORT BUS PICKUP CAPTAIN Welcomed more than **600** students over the labour day weekend at airport booth.
ACADEMIC COUNCIL PRESIDENT Organised various events with the help of team to academically assist students