

## EMPLOYMENT

Researcher	University of Toronto; Computer Science Education Group	September 2018 - Present
<ul style="list-style-type: none"><li>• Perform Quantitative and Qualitative research pertaining to Open Lab concepts in CS1</li><li>• Gather Quantitative and Qualitative data on the labs, from both Students and TA's</li></ul>		
Research Assistant	University of Toronto; Autonomous Systems and Biomechatronics Research Lab	April 2017 - August 2017
<ul style="list-style-type: none"><li>• Automate creation of meaningful training environments correlating to various "difficulty levels"</li><li>• Attempt to update the Microsoft Airsim plugin for Unreal Engine 4 to be compatible with ground vehicles</li><li>• Create and use Python scripts in order to assist in the effective training of autonomous vehicle AI's</li></ul>		
System Administrator	UTM MCSS (U of T Mississauga Mathematical and Computational Sciences society)	September 2018 - Present
<ul style="list-style-type: none"><li>• Assist with maintaining society servers</li><li>• Assist with setting up various technologies on the servers for events as needed (VM's, execution environments, etc.)</li><li>• Assist with development of Society website</li></ul>		
IT Systems Assistant	Ministry of Community Safety and Correctional Services (Government of Ontario)	May 2018 - August 2018
<ul style="list-style-type: none"><li>• Create and modify various pages using Vue.JS for the CLD (Criminal Law Division) of Ontario, used to speed of completion of forms and documents</li><li>• Perform in depth QA and regression testing on new and existing pages for a CLD application</li><li>• Create and maintain SQL queries for development and testing purposes</li></ul>		

## EDUCATION

Mississauga, Ontario	University of Toronto	September 2016 - Present
<ul style="list-style-type: none"><li>• Candidate for Honours Bachelors of Science in GIS (Geographical Information Systems, Computer Science, and Statistics)</li><li>• Courses: Intro to Computer Programming, Intro to Computer Science, Software Design, Software Tools and Programming, Computer Organization</li></ul>		

## TECHNICAL EXPERIENCE

### Projects

- **Multi-User Drawing Tool** (2004). Electronic classroom where multiple users can view and simultaneously draw on a "chalkboard" with each person's edits synchronized. C++, MFC
- **Synchronized Calendar** (2003 - 2004). Desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users. C#.NET, SQL, XML
- **Operating System** (2002). UNIX-style OS with scheduler, file system, text editor and calculator. C

## ADDITIONAL EXPERIENCE AND AWARDS

- **Halton Skills Competition:** Received Second Place in Virtual Robotics (Updated to Robotics and Controls)
- **High School Grade 12 Polish Studies Student of the Year:** Awarded for achieving highest mark in the class as well as for being an extraordinary participant in the Polish community.

## Languages and Technologies

- Java; C; Python; Bash; Vue.js; JavaScript; HTML; SQL; C++; LabView
- Microsoft sql sms 2017; Microsoft TFS; Git; Linux and Windows OS; Various IDE's
- Fluent in English; Proficient in Polish