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LUKASZ DWORAKOWSKI

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EMPLOYMENT

Researcher	University of Toronto; Computer Science Education Group	September 2018 - Present

- Perform Quantitative and Qualitative research pertaining to Open Lab concepts in CS1
- Gather Quantitative and Qualitative data on the labs, from both Students and TA's

System Administrator	UTM MCSS (U of T Mississauga Mathematical and Computational Sciences society)	September 2018 - Present

- Assist with maintaining society servers
- Assist with setting up various technologies on the servers for events as needed (VM's, execution environments, etc.)
- Assist with development of Society website

Research Assistant, Software Developer	University of Toronto; Autonomous Systems and Biomechatronics Research Lab	April 2017 - August 2017

- Automate creation of meaningful training environments correlating to various "difficulty levels"
- Attempt to update the Microsoft Airsim plugin for Unreal Engine 4 to be compatible with ground vehicles
- Create and use Python scripts in order to assist in the effective training of autonomous vehicle AI's

IT Systems Assistant	Ministry of Community Safety and Correctional Services (Government of Ontario)	May 2018 - August 2018

- 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
- Perform in depth QA and regression testing on new and existing pages for a CLD application
- Create and maintain SQL queries for development and testing purposes

EDUCATION

Mississauga, Ontario	University of Toronto	September 2016 - Present

- Candidate for Honours Bachelors of Science in GIS (Geographical Information Systems), Computer Science, and Statistics
- Courses: Intro to Computer Programming, Intro to Computer Science, Software Design, Software Tools and Programming, Computer Organization

TECHNICAL EXPERIENCE

Projects

- **Server/ Client from scratch** (2018). Design Client and Server side code for a "dumb" ssh able to run various commands in C
- **MS Paint Clone** (2017). Clone MS Paint, including some features such as colour selection, undo and redo, etc. in Java
- **Web Scraping** (2018). Scrape off of various websites, in particular TSN, in order to gather data about World Cup

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