

Lukasz Dworakowski

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EXPERIENCE

University of Toronto, Autonomous Systems and Biomechatronics Laboratory— Research Assistant

April 2017 – August 2017

- Automate the creation of meaningful training environments correlating to various “difficulty levels”
- Acted as a Research Assistant for an ongoing project
- Update the AirSim plugin for Unreal Engine 4 to be compatible with ground vehicles
- Using Unreal Engine 4 to simulate hyper realistic environments to be used to train a autonomous vehicle AI
- Create python scripts in order to automate the effective training of the autonomous vehicle AI

Ministry of Community Safety and Correctional Services, MAG Solutions Branch— IT Systems Assistant

May 2018 – August 2018

- Create various pages using Vue.JS for the CLD (Criminal Law Division) used to speed up the completion of forms and documents
- Perform in depth QA, as well as some regression testing, for a CLD web application
- Assist with release management
- Create and maintain SQL queries for development and testing purposes

EDUCATION

University of Toronto, Mississauga ON — Candidate for honours bachelor of Science in Computer Science, Mathematics, and Statistics

September 2016 – April 2020

Relevant Courses: Introduction to Probability and Modeling (Statistics), Intro to Computer Programming, Intro to Computer Science, Software Design, Software Tools and Systems Programming, Computer Organization

ACTIVITIES & INTERESTS

Hackathon— Mhacks 8

- Attended C development workshop for Arduino based micro-controllers
- Attended various software development workshops

SKILLS

Experience in Java, Python, Exposure to LabView, C++, C, Bash, Unreal Engine 4, SQL, Vue.JS, JavaScript

Software Experience: Various IDEs, PhotoShop, Microsoft Team Foundation Server, Experience with Windows, OS X, and Ubuntu

Experience in hardware and software troubleshooting

Excellent communication, presentation and leadership skills

Able to work with minimal and no supervision; as well as in team environment

AWARDS

Polish studies student of the year received for achieving highest mark as well as for being an extraordinary participant in the community

Halton Skills competition received second place in halton skills virtual robotics (now robotics and controls)

LANGUAGES

Fluent in English, Proficient in Polish

Programming Competition— UTM Deer Hunt

- Attended various workshops for various “retro” languages such as haskell, “fresh” languages such as scala, and “corrupt” languages such as whitespace

Programming Competition— UTM Deer Hunt II

- Questions pertaining to: Mathematical, Statistical, and Computer Sciences