

KOLBY SARSON

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PROFILE SUMMARY

A well organized and driven university student currently working towards a Master of Science (MSc), Computer Science degree from the University of Western Ontario. My research area is within the Computer Vision domain. With a planned graduation date of April 2022, I am looking forward to wrapping up my education and beginning my career. My interests span the various fields computer science, enjoying machine learning applications and front-end development. I am passionate about videogames and working in a team environment.

EDUCATION

2015-2020	Bachelor of Science, Honours Computer Science, University of Windsor <ul style="list-style-type: none">Major GPA: 86%, Cumulative GPA: 85%School of Computer Science Director's Honour Roll Award (2015-2020)Possess a minor in mathematics and specialization in software engineering	Windsor, ON
2020-2021	Master of Science, Computer Science, University of Western Ontario <ul style="list-style-type: none">GPA: 86%Selected coursework: Human Computer Interaction, Introduction to Computer Vision, Introduction to Data Science, Machine Learning	London, ON

TECHNICAL SKILLS

- Software/Operating Systems:** Linux, Windows
- Programming Languages:** AspectJ, C, C#, C++, CSS, HTML, Java, JavaScript, MATLAB, MySQL, Python, Scheme, Turing
- Software:** Anaconda, ArcGIS, AutoCAD, MS Office, Navicat, OracleDB, Raptor, Report Builder, Unity, Visual Studio, Visual Studio Code

EMPLOYMENT HISTORY

2017-2022	Teaching Assistant, University of Windsor/Western Ontario <ul style="list-style-type: none">Self-taught HTML, CSS and Raptor producing the ability to better assist studentsProblem-solved issues alongside students, concluding with students understanding solutionsDeliberated with other teaching assistants resulting in enhanced TA performance	Windsor/London, ON
2018	Business Systems Analyst, Ground Effects Ltd., <ul style="list-style-type: none">Constructed reports from live data using queries for use by upper-level managementRetroactively updated archaic queries and reports to be quicker and more efficientInstructed the IT department on using Navicat, Report Builder and MySQL	Windsor, ON

PROJECTS

Windsor Hospice Mapping Application

CSS, HTML, JavaScript, PHP, phpMyAdmin

- Mapping visualization web application which pins patients on a map and colour codes them by designated level.
- Worked and communicated with a real client (Windsor-Essex Compassion Care Community) during this project.

Droplet Addition Browser Game

CSS, HTML, JavaScript, React

- Redesign of a current educational browser game emphasizing user-centric design (human computer interaction).
- Design principals include: Accessibility, Consistency, Forgiveness, Highlighting, Proximity, and many more.

My E-Portfolio

CSS, HTML

- This project is a simple e-portfolio outlining who I am, and some of my skills and recent projects.
- First personal project in the area of front-end development, outlining many aspects of my resume electronically.