

ISAAC WATT

Computer Science, ID: 20666880



PROFILE

Motivated university student with experience in a wide variety of both technical and communication based fields.

As a co-op student, my objective is to bring enthusiasm, responsibility, and work ethic to your organization. All the while, sharpening my skills in computer science by working on and contributing to real world projects.



613 • 803 • 2652



isaacwatt@icloud.com



<https://github.com/IsaacWatt>



TECHNICAL SKILLS

Adobe Photoshop	●●●●●●
ArcMap 10.5.1	●●●●●●
HTML / CSS	●●●●●●
Racket	●●●●●●
Lua	●●●●●●
C	●●●●●●



HOBBIES AND INTERESTS

- Learning new programming languages and concepts
- Learning and using new software
- Outdoor and indoor sports, especially floor hockey
- Web analytics and statistics
- Matters of psychology and ethics
- Media Arts



EDUCATION

University of Waterloo

Candidate for Bachelor of Computer Science; 2A SEPT 2016 - PRESENT

Impacting Courses Include: Algebra for Honours Mathematics
Designing Fundamental Programs



RELEVANT WORK EXPERIENCE

City of Brockville

MAY 2017 - AUG 2017

- GIS Assistant
- Converted AutoCAD drawings to GIS format. This involved data format conversion, geometry verification / correction, and database enhancement.
- Used ArcMap and ArcGIS Online to create maps and a web map application entitled "Outdoor Brockville" found at <https://brockville.com/maps>.

Leeds & Grenville Health Unit

JUNE 2017 - AUG 2017

- Web Developer
- <https://github.com/IsaacWatt/Checkered-Flags> or www.checkeredflags.com
- Used Bootstrap v3.3.7, HTML, and CSS to recreate the checkered flags website.
- Enhanced the scalability of the site, while giving it a more modern, user friendly interface.
- Met with the team once a week to present my progress on the website.

Staples Business Depot

APR 2014 - AUG 2016

- Technology Sales Area Representative
- Explained a wide variety of technologies to customers, offering effective solutions to their technical problems.
- Able to consistently exceed given sales targets and projections.



SUMMARY OF QUALIFICATIONS

Programming Structure

- Gained experience in testing the code of a functional program through course work in Racket.
- Understand the importance of writing clean and well documented code through the development of the Checkered Flags website.

Communication

- Able to explain highly technical concepts and ideas in plain language to end users/clients as demonstrated through sales experience at Staples.
- Able to communicate effectively with co-workers in order to complete a common goal.

Leadership

- Provided decisive, proactive leadership in numerous project situations.
- Conveyed ideas quickly and effectively through leadership in the Emerge Youth Group.



PROJECTS

Orb Game

- <https://github.com/IsaacWatt/Orb-Game>
- Used Gideros Studio, mobile development software that uses the programming language Lua to create a physics based orb launching game.
- Incorporates X and Y components of velocity in order to launch an orb.



HONOURS, AWARDS, ACHIEVEMENTS

University of Waterloo President's Scholarship

/ 2016

Cumulative highschool entering admission average of 95% or higher.

Community Involvement

/ 2016

Very active in community; totalled over 500 community hours during high school through churches, youth groups and other organizations.