Spencer Hivert

University of Waterloo
Systems Design Engineering

Waterloo, ON

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HARD-WORKING | **RELIABLE** | **ORGANIZED** | **SELF-STARTER**

Qualifications Summary

➔ Strong communication and inter-personal skills in both English and French
➔ Proficient with Ruby on Rails, Ruby, C++, SQL, HTML, CSS, Git; familiar with JQuery, JavaScript, Java, Python
➔ Received an "outstanding" performance evaluation in previous two co-op placements
➔ Responsible, dependable, punctual; take pride in work
➔ Meticulous worker; attentive to quality and detail

Professional Experience

Flipp Corp. (formerly Wishabi Inc.), Toronto, ON

Software Developer   Jan. 2015 – May 2015

- Managed and coordinated all aspects of the flyer indexer pipeline
- Stood for co-ops and presented indexer update at daily scrum
- Developed many internal health tools using Ruby on Rails
- Worked with a variety of languages and tools including Ruby, SQL, JQuery, HTML5, CSS and Selenium

Software Developer   Sept. 2015 – Dec. 2015

- Developed a store list indexing system using Ruby on Rails and Selenium to gather and parse store data for all retailers to ensure the existing store data was kept up to date. Acquired experience with concurrent programming by parallelizing the system.
- Developed several reports including a flyer run visualization report using the Google Maps API, GeoJSON and JQuery to assess the current flyer distribution strategy
- Worked directly with the analytics team and with Hive and Redshift to get user data and generate a report based on in-app searches
- Built an audit tool to track all changes made to store data using the Rails Framework

Make-A-Wish, London, ON   **Mar. 2014 - Present**

Wish Coordinator (volunteer)

- Coordinated the wish experience for local wishes by working directly with Make-A-Wish families and head office
- Work within a given budget and certain policies to make each wish experience unique

The Record, Kitchener, ON   **2012 – 2013**

Sales Pro: Canvasser

- Sold KW Record subscriptions nightly across Kitchener-Waterloo
- Compensated through commission – earned top monthly sales representative repeatedly - developed suggestive selling skills

Education

Candidate for Bachelor of Applied Science,
Systems Design Engineering, Honours, Co-op, University of Waterloo, ON, Sept. 2014 – Present

Relevant Courses:

- **Digital Computation Course** – obtained extensive knowledge of C++ as well as object oriented programming
- **Digital Systems** – acquired solid understanding of the foundation of digital technology, including combinational logic, binary arithmetic, synchronous sequential circuits, design methodology and algorithmic state machines
- **Human Factors in Design** – considered information processing and human sensory processes as well as human capabilities in the design of systems with humans
- **Graphics Lab** – modeled 3D objects extensively using SolidWorks
- **Data Structures and Algorithms (currently enrolled)** – covers structured software design, data structures, abstract data types, recursive algorithms, sorting and searching, hashing, and more advanced problem-solving strategies all taught in Java and Python

Ontario Secondary School Diploma,
Grand River Collegiate Institute, Kitchener, ON, 2014
- Graduated with 98% average

Awards

- **President's Scholarship of Distinction**
- **Waterloo County Entrance Scholarship**
- **Christie Digital Innovation Scholarship Award**
  - Essay based scholarship based on community involvement and innovative mindset
- **Governor's General Academic Bronze Medal**