Spencer Hivert

University of Waterloo
Systems Design Engineering

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SELF-STARTER | RELIABLE | ORGANIZED | HARD-WORKING

Qualifications Summary

- ➔ Software developer with two co-op terms of experience in an agile development setting working directly with Ruby on Rails, MySQL, Selenium, HTML, CSS, JavaScript, JQuery, Git and Jira
- ➔ Received back to back "outstanding" performance evaluations in previous co-op placements
- ➔ Strong communication and inter-personal skills in both English and French
- ➔ Fast learner, dependable, team player, meticulous worker - takes pride in work

Professional Experience

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

Software Developer (Co-op)   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. Parallelizing the system to improve system speed.
- Developed 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, 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

Software Developer (Co-op)   Jan. 2015 – May 2015

- Managed and coordinated entire flyer indexer pipeline
- Represented co-ops by providing indexer update at daily scrum
- Developed many internal health tools using Ruby on Rails
- Worked with a variety of languages and tools including Ruby, MySQL, JQuery, HTML5, CSS, Selenium, Git, Confluence, JIRA

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 Waterloo region
- 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. Applied these concepts and built an automated irrigation system for final design project.
- **Human Factors in Design** – considered information processing and human sensory processes as well as human capabilities in the design of systems with humans while analyzing and re-designing a parking meter
- **Data Structures and Algorithms (currently enrolled)** – covers structured software design, data structures, abstract data types, recursive algorithms, sorting and searching, hashing, and advanced problem-solving strategies taught in Java and Python

Ontario Secondary School Diploma (98% average)

Grand River Collegiate Institute, Kitchener, ON, 2014

Awards

President's Scholarship of Distinction, University of Waterloo

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

- Received for graduating at the top of the class