Spencer Hivert

University of Waterloo
Systems Design Engineering

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SELF-STARTER | RELIABLE | ORGANIZED | HARD-WORKING

Qualifications Summary

➔ Software developer with three co-op terms of experience in an agile development setting working directly with PHP, Ruby on Rails, MySQL, Selenium, HTML, CSS, JavaScript, JQuery, HubSpot, Git and Jira

➔ Received "outstanding" performance evaluations in all three previous co-op placements

➔ Strong communication and inter-personal skills in both English and French

➔ Fast learner, dependable, team player, meticulous worker - take pride in work

Professional Experience

Green Brick Labs, Kitchener, ON   June 2016 – Aug. 2016

Full Stack Developer (CO-OP)

- Designed and implemented self-sustaining internal role-based permission system which reduced the time to change a permission from days to seconds using PHP, MySQL, JQuery, JavaScript, HTML5, CSS3
- Re-designed the Green Brick Labs blog and job landing pages using Hubspot
- Built several tools for the marketing team allowing them create, run and manage promotional campaigns
- Re-designed NFL Survivor Pool which received 2500+ entries

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. Acquired experience with concurrent programming by parallelizing the system.
- 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 search data
- Built an audit tool to track all changes made to store data using Ruby on Rails

Software Developer (CO-OP)   Jan. 2015 – May 2015

- Managed and coordinated all aspects of the flyer indexer pipeline
- Represented co-ops and provided 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 policies to make each wish experience unique

Education

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

Relevant Courses:

- **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 while analyzing and re-designing a parking meter
- **Data Structures and Algorithms** – gained extensive knowledge of structured software design, data structures, abstract data types, recursive algorithms, sorting and searching, hashing, and more advanced problem-solving strategies

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

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 top of the class