Spencer Hivert

University of Waterloo
Systems Design Engineering

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Qualifications Summary

➔ Motivated Software Engineer with 2+ years of experience in an agile development setting working directly with React, Redux, Ruby on Rails, Python, Scala, PHP, ElasticSearch, SQL, MongoDB, HTML, CSS, Node.js & Selenium

➔ Proven track record of success - received "Outstanding" performance evaluations in all previous internships

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

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Data Engineering Intern – San Francisco, CA   Aug. 2017 – Dec. 2017

- Developed and implemented a self-service admin tool to sit on top of the experimentation platform using React, Redux, Webpack, Babel & Sass and delivered bi-weekly mandatory training sessions to other employees outlining best experimentation practices and proper tool usage
- Built out several backend features for the experimentation microservice using Scala
- Built a self-service admin tool to automate the ETL process and allow engineers to easily transfer and transform data from MySQL and other data sources to BigQuery for reporting purposes
- Contributed to early efforts of tracking system rebuild, whose aim is to allow engineers to modify their payloads and BigEvent field mappings using a self-service tool integrated in the GraphQL layer

Software Engineering Intern – San Francisco, CA   Jan. 2017 – Apr. 2017

- Led the integration with Greenhouse (Applicant Tracking System); created an API wrapper in Ruby to easily sync candidates and implemented third-party login and authentication via OmniAuth
- Reduced a recruiter's candidate search time by developing the backend API for a rating system of all companies, which fetched data from the data science API using Ruby, Grape and ElasticSearch
- Built an integration service between Applause and Clubhouse using Node.js, Gulp & AWS Lambda

Full Stack Developer – Kitchener, ON   May 2016 – Aug. 2016

- Designed and implemented a self-sustaining internal role-based permission system which reduced the time to change a permission from days to seconds using LAMP software bundle and JavaScript
- Built several tools for the marketing team allowing them to manage promotional campaigns

Software Developer – Toronto, ON   Jan. 2015 – Dec. 2015

- Created a parallelized store list indexing system using Ruby on Rails, Selenium and MySQL to gather and parse store data for all retailers drastically increasing data quality
- Developed several reports including a visualization report highlighting the flyer distribution zones using the Google Maps API, GeoJSON and JQuery to assess the current flyer distribution strategy
- Worked with analytics team to create reports based on in-app search data using Hive and Redshift

Wish Coordinator (Volunteer) – London, ON   Mar. 2014 – Present

- Coordinated local wish experiences by working directly with Make-A-Wish families and head office

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Technical Skills

Development Languages: Ruby, Scala, PHP, Python, HTML, CSS, JavaScript, SQL, C++

Technologies: Ruby on Rails, Grape, Sidekiq, ElasticSearch, React, Redux, Node.js, jQuery, Gulp, Wepback, Babel, Bootstrap, MongoDB, Selenium, AWS Lambda, Linux, Git

Education

Bachelor of Applied Science, Expected April 2019
Systems Design Engineering, University of Waterloo, ON
Relevant Courses: Data Structures & Algorithms, Human Factors in Design

Ontario Secondary School Diploma, Awarded Governor General's Academic Bronze medal for graduating top of the the class (98%)