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SKILL SUMMARY

Strong problem solving and analytical skills

Experienced with organizing a multi-discipline and remote team

Comfortable in a constantly evolving and fast-paced environment

Effective in a group environment and with minimal supervision

TECHNICAL PROFICIENCY

Languages: Javascript, Scala, Haskell, Python, C

Platforms: Linux, OSX, AWS

Software: Vim, git, L<sup>A</sup>T<sub>E</sub>X

Technologies: node.js, backbone.js, react.js, d3.js, MongoDB, MySQL, Redis

EDUCATION

Candidate for Bachelor of Applied Science, Honours (Coop) Computer Engineering

University of Waterloo, Waterloo, Ontario

Sept. 2010 - Present

EXPERIENCE

Software Developer

Jan. 2014 - April 2014

Auvik Networks, Waterloo, ON.

- Prototyped reactive frontend to provide users with key insights into their network
- Rewrote log aggregation service to simplify integration with external logging facilities (Syslog, SNMP Trap) and internal services
- Implemented set of basic classifiers to only present relevant information to user

Software Developer

May 2013 - Aug. 2013

Monstercat, Waterloo, ON.

- Developed javascript-heavy web applications for managing a record label and a YouTube network
- Implemented intuitive UI controls to streamline data entry and management
- Played a key role in architectural discussions focused on improving the functionality and maintainability of the system
- Maintained critical production servers

Software Developer

Sept. 2012 - Dec. 2012

Monstercat, Waterloo, ON.

- Built real-time, interactive promotional web applications for album releases
- Implemented fluid and intuitive controls for a new record label management system
- Maintained and setup production and development servers for performance driven applications

## Garrett Everding

Page 2

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### *Software Designer*

Jan. 2012 - April 2012

International Datacasting, Ottawa, ON.

- Worked closely with the core software developers to implement new software features and fix bugs
- Developed for the head-end system, which transmits content files to receivers via satellite and terrestrial links
- Implemented new webservice calls for the head-end system to remotely manage customer satellite receivers

### RELEVANT PROJECTS

#### *Weird Canada* ([weirdcanada.com](http://weirdcanada.com))

Feb. 2014 - Present

- Complete rewrite of site in Haskell and ClojureScript
- Designed REST API to allow third parties to build applications leveraging Weird Canada's data

#### *WikiWalk* ([wikiwalk.herokuapp.com](http://wikiwalk.herokuapp.com))

Feb. 2013

Visualization of The Wikipedia Game

- Generated a tree of interconnected Wikipedia articles given a user specified seed
- Built for the Sortable {data} Hackathon using Node.js, Bootstrap, and d3.js

#### *United* ([united.monstercat.com](http://united.monstercat.com))

Sept. 2012

Web Promotion for Monstercat's United Album

- Utilized Google's Map API to display users geographical locations around the globe
- Featured a real-time, scrolling news feed and constantly updating map

### VOLUNTEERING

#### *Co-Chair*

Feb. 2013 - Present

CNIB National Youth Council

- Worked with CNIB's Executive Management Team and National Board Mentors to grow the council from an idea to a group of 11 passionate youth
- Developed new initiatives to foster a sense of community and discussion in the Blind and Partially Sighted Youth across Canada

#### *Assistant Coach*

Nov. 2008 - May 2010

Arnprior Amateur Wrestling Club

- Planned and ran clinics for children (aged 4-12) to teach them the basics of Olympic freestyle wrestling
- Assisted head coach at junior and senior team practices and tournaments

### PROFESSIONAL DEVELOPMENT

#### *Summer Career Opportunity, Recreation and Education*

July 2010

- S.C.O.R.E Program ran by the Canadian National Institute for the Blind
- Focused on personal development, team building, leadership and career skills and civic responsibility.
- Worked as part of a team to build strengths, actively practicing new skills, achieving goals with others

### PROGRAMMING INTERESTS

Functional Programming, Distributed Systems, Machine Learning