PAUL ASHBOURNE

2A Software Engineering, University of Waterloo

(905) 758-2239 | paul.ashbourne@uwaterloo.ca

www.github.com/paulashbourne

110 Orchard Heights Blvd.

Aurora, ON, Canada

L4G 2Z9

SKILLS

- Proficient with Python, Java, C++, MongoDB, MySQL, PHP, Javascript, HTML, and CSS

- Skilled with Linux and Bash, Apache, and version control using Git

- Experience with assembly language programming and strong understanding of computer architecture

EXPERIENCE

Wish (ContextLogic, Inc.) — August 2014 – December 2014
Software Engineer — San Francisco, California

Python, MongoDB, Backend, Hive, HTML, CSS, Javascript

- Built a system to automate pre-orders of popular items, increased profit margins from 15% to 30%

- Built tools used to identify counterfeit products

- Wrote Python scripts to query and analyze data from Hive and Hadoop

- Received "Outstanding" work term evaluation

ESCTT, Inc. — July 2013 – April 2014
Software Engineer — Toronto, Ontario

MySQL, PHP, .NET, HTML, CSS, JavaScript, Python

- Built a financial analysis application, risk management software, and a health care database

- Received "Outstanding" work term evaluation

PERSONAL PROJECTS

- Remote Desktop Application (Java, Threading)

- Sudoku Solver (Python)

- Live Television Display Application with news feeds, weather (Java)

- Built a compiler for the WLP4 programming language to MIPS assembly

- Video game development including Tetris and a cribbage game with sophisticated AI (Java, Python)

EXTRACURRICULAR ACTIVITES

Robofest Robotics World Championship — 2010, 2012
Team Captain — Detroit, Michigan

- Placed 4th in the senior game at the 2010 Robofest World Championship with a robot that cleared debris and rescued victims from a natural disaster simulation

Aurora High School Student Council — June 2011 – June 2013
President — Aurora, Ontario

- Developed leadership and managerial skills

Beijing No. 4 High School — July 2011 – August 2011
Teaching Assistant — Beijing, China

- Learned to work effectively in an unfamiliar environment

EDUCATION

University of Waterloo — September 2013 – Present
Candidate for Bachelor of Software Engineering — Waterloo, ON