

# PAUL ASHBOURNE

3A Software Engineering, University of Waterloo  
(905) 758-2239 | paul.ashbourne@uwaterloo.ca  
[www.github.com/paulashbourne](http://www.github.com/paulashbourne)

110 Orchard Heights Blvd.  
Aurora, ON, Canada  
L4G 2Z9

## SKILLS

---

- Proficient with Python, Node.js, Java, C++, PHP, MongoDB, MySQL, SQLAlchemy, RabbitMQ
- Extensive UI/UX experience, including HTML5, CSS, JavaScript, jQuery, Bootstrap, Backbone.js
- Skilled with Linux, Bash, Apache, Nginx, Git

## EXPERIENCE

---

### Wish

Fall 2014, Fall 2015

*Software Engineer*

San Francisco, California

Python, MongoDB, Hadoop, HTML, CSS, Backbone.js, RabbitMQ

- Built a system to reduce shipping times by allowing merchants to store products in warehouses around the world
- Redesigned signup and onboarding flow from scratch, increased end-to-end conversion rate by a factor of 6
- Developed a system to automate pre-orders of popular items, increased profit margins from 15% to 30%
- Wrote Python scripts to query and analyze data from Hadoop
- Received two “Outstanding” work term evaluations

### ESCTT, Inc.

July 2013 – April 2014

*Software Engineer*

Toronto, Ontario

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

- Built a financial analysis application, risk management software, and a health care database
- Received “Outstanding” work term evaluation

## PROJECTS

---

- StoreStuff: On-demand self-storage app built for Berkeley’s CalHacks 2.0, awarded Microsoft API prize (Node.js)
- Built a compiler for the WLP4 programming language to MIPS assembly (C++, Assembly)
- Password Ninja: A password management utility with Chrome Extension (JavaScript, Bootstrap)
- Remote Desktop Application (Java, Threading)
- Video game development including Tetris and a cribbage game with sophisticated AI (Java, Python)

## EXTRACURRICULAR ACTIVITIES

---

### Robofest Robotics World Championship

2010, 2012

*Team Captain*

Detroit, Michigan

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

### Beijing No. 4 High School

July 2011 – August 2011

*Teaching Assistant*

Beijing, China

- Developed and executed lesson plans to teach written and oral English skills to students

### Aurora High School Student Council

June 2011 – June 2013

*President*

Aurora, Ontario

## EDUCATION

---

### University of Waterloo

September 2013 – June 2018 (Expected)

*Candidate for Bachelor of Software Engineering*

Waterloo, ON