PAUL ASHBOURNE

3A Software Engineering, University of Waterloo
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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 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

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