PAUL ASHBOURNE

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Aurora, ON, Canada
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SKILLS

- Advanced AI and machine learning methods
- Building data pipelines and optimizing data processing
- Developing web-based applications, databases and APIs

EXPERIENCE

Remind, Inc.   April 2016 – August 2016
Software Engineer, Social Capital Fellow   San Francisco, California
Ruby, Go, Node.js, ReactJS, RabbitMQ, Redis
- Re-engineered a message delivery service which delivers over 500 million SMS and email notifications per month
- Built an extendible module for assembling and scheduling batch jobs

Wish   Fall 2014, Fall 2015
Software Engineer   San Francisco, California
Python, MongoDB, Hadoop, HTML, CSS, JavaScript, Backbone.js, RabbitMQ, Solr
- 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 500%
- Developed a system to automate pre-orders of popular items, increased profit margins from 15% to 30%

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

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 manager with Chrome Extension (JavaScript, Bootstrap)
- Video game development including Tetris and a cribbage game with sophisticated AI (Java, Python)

OTHER ACTIVITES

Region of Waterloo International Airport   January 2016 – Present
Private Pilot Training Program   Waterloo, Ontario

Robofest Robotics World Championship   2010, 2012
Team Captain   Detroit, Michigan
- Placed 4th in the senior competition at the 2010 Robofest World Championship with a robot that cleared debris and rescued victims from a natural disaster simulation

EDUCATION

University of Waterloo   September 2013 – Present
Candidate for Bachelor of Software Engineering   Waterloo, Ontario
85.4% Cumulative GPA