PAUL ASHBOURNE

Software Engineering, University of Waterloo
(905) 758-2239 | paul.ashbourne@uwaterloo.ca
www.paulashbourne.com

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

SKILLS

Top Skills:	Python, MongoDB, Java, C++, MySQL, PHP, Javascript, HTML/CSS, Linux, Apache
Proficient:	RobotC, VB.NET, VPN
Familiar:	AutoCAD (2D), SolidWorks (3D)

EXPERIENCE

ContextLogic, Inc.   August 2014 - Present
Software Engineer   San Francisco, California
Python, MongoDB, Backend, Hive

- Built a platform that allows representatives of brand names to remove counterfeit items

ESCTT, Inc.   July 2013 - April 2014
Software Engineer   Toronto, Ontario
MySQL, PHP, VB.NET, HTML/CSS, JavaScript, Linux Server, Python, VPN

- Built a financial analysis application that provides investment professionals with tools to conduct analysis of client portfolios.
- Developed a health care database and application for palliative care patients.
- Developed a risk management web application for project managers.

PERSONAL PROJECTS

Remote Desktop Application   July 2013
Java, Threading

- Developed the core functionality for a remote desktop client and server applications.

Live Television Display Application   January 2013
Java

- Developed an application for Aurora High School that displays live weather, news reports and school announcements on television displays throughout the school.

Sudoku Solver Application   October 2012
Java

- Developed an application for Aurora High School that displays live weather, news reports and school announcements on television displays throughout the school.

Video Game Development   October 2012
Java, VB.NET

- Notable projects include a Tetris game with graphics, a cribbage game with sophisticated artificial intelligence, Othello game, Guess Who game and a fractal tree generator.

EDUCATION

University of Waterloo   September 2013 - Present
Candidate for Bachelor of Software Engineering   Waterloo, ON
- Built and programmed a robot that located books on a bookshelf using colour barcodes and a binary search algorithm. [RobotC] (MTE 100, GENE 121)
- Programmed a fuel-cell powered car to navigate through various obstacle courses. [C++] (MTE 100, GENE 121, CHE 102)

EXTRACURRICULAR ACTIVITES

Aurora High School Robotics Team   September 2009 - June 2013
Team Captain   Aurora, Ontario
- Advanced to the 2010 and 2012 Robofest World Championships, held at the Lawrence Technological University in 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 management skills.

Beijing No. 4 High School   July 2011 - August 2011
Teaching Assistant   Beijing, China
- Created lesson plans with an aim to improve students English skills.
- Drastically improved communication and teamwork skills.
- Learned to work effectively in a foreign and unfamiliar environment.