

Desmond Chan

Richmond, BC

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PROFILE

Skilled and knowledgeable computer science graduate with 4 years of programming and problem solving experience. In addition to a strong comprehension and retention ability, an aptitude for working in teams has been demonstrated by collaborating with colleagues to complete several assignments and functional projects within a given deadline.

PORTFOLIO

- **Online Resume**
 - <http://www.desmondchan.ca>
 - My online resume website is hosted on an Amazon Web Services Instance using the Node.js Javascript runtime environment as well as the bootstrap framework. This demonstrates an understanding of both back-end and front-end knowledge in programming as well as the ability to include frameworks and libraries to support the languages. I also have integrated CSS media queries and accessibility features that further demonstrate knowledge of User Experience design through responsive web pages.

QUALIFICATIONS

- **Experience with:** Linux, C/C#/C++, Java, Python, HTML5, PHP, MySQL, phpMyAdmin, MongoDB, JavaScript, jQuery, Node.js, Angular.js, React.js, CSS, SASS, Wordpress, Bootstrap, Amazon Web Services
- **Applications:** \LaTeX , Microsoft Office, Eclipse, Microsoft Visual Studio, Adobe Photoshop, Adobe Illustrator

PROFESSIONAL EXPERIENCE

- **Software Developer** November 2016 - Present
 - *BeWhere Holdings Inc.*
 - Researched and developed software for a linux based IoT Gateway device that scans for and parses incoming Bluetooth data, which is then sent to the back-end server after being properly formatted.
 - Created a customized web interface for the device with HTML, CSS and Javascript.
 - Currently maintaining and monitoring product quality via continuous testing in addition to generating progress reports as well as managing documentation on the repository.
- **Contract Software Developer** June 2015 - October 2015
 - *Certified Tracking Solutions*
 - Demonstrated strong problem solving skills by individually designing software using Microsoft Visual Studio to automate the process of managing and updating the firmware of GPS devices over the air using the Jasper Wireless API with no prior industry experience or guidance from a senior employee.
 - By automating the updating process, productivity in the workplace increased significantly, as employees no longer had to manually send commands to each individual device and could therefore focus on other tasks.
- **Quality Assurance Testing Technician** May 2011 - August 2011
 - *Certified Tracking Solutions*
 - Configured GPS hardware and demonstrated detail-orientation by ensuring that the units were functioning properly and had all requested features before shipping them out to the customers, which led to increase in customer satisfaction as well as a decrease in overall complaints and issues with the company products
 - Additionally increased company efficiency through assisting with the product readiness of the mobile devices by packaging the units and ensuring that each order was properly cataloged and ready to ship at any given time.

EDUCATION

- **Certificate in Web Development** January 2016 - April 2016
Southern Alberta Institute of Technology
- **Bachelor of Science in Computer Science** September 2011 - June 2015
University of Calgary

PROJECTS

- **School Project: Movie Ticketing Interface** January 2015 - April 2015
University of Calgary
 - Further strengthened team communication and task delegation skills by working on designing and creating a movie ticketing interface using Task Centered Design with a group of colleagues
 - Demonstrated strong conflict resolution skills by working together to create multiple low-fidelity prototypes and discussing strengths as well as flaws for each before committing to a final version
- **School Project: Book Management Database** September 2014 - December 2014
University of Calgary
 - Collaborated with a group of colleagues to design a database for managing book inventories
 - Implemented with PHP using AMP (Apache-MySQL-PHP) architecture.
 - Utilized organizational skills to populate the database using myPHPAdmin as well as demonstrating strong attention to detail by focusing on testing the web front-end using MySQL queries in order to ensure that everything was functioning properly, even on unconventional and uncommon user inputs.

RELEVANT VOLUNTEERING EXPERIENCE

- **Linkages Society** March 2015
Golden Age Club
 - Assisted the elderly with understanding tablet technology by showing them how to use the touch screen as well as how to play simple games and therefore demonstrating the ability to explain technical concepts to individuals with little to no experience dealing with technology.