

## PROFILE

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**Leadership:** Lead multiple projects to success during my internship from project start until the project's end

**Communication and Collaboration:** Strong ability to collaborate with others and build strong relationships; well spoken with the ability to explain complex ideas clearly

**Diverse Software Knowledge:** C, C#, C++, Swift, HTML, CSS, Javascript, MySQL, Python, Java, Android, Spark, Hadoop, SVN, GIT

## EDUCATION

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### **Bachelor of Science (Engineering)**

**Expected completion April 2016**

University of Calgary, Software Engineering

+ Schulich School of Engineering Internship Program

[May 2014-April 2015]

### **Relevant Courses**

- + **Engineering Entrepreneurship:** Learned vital concepts of the entrepreneurial process, including pitch development and creating highly valuable and impactful ideas
- + **Software Project Management:** Acquired knowledge of risk mitigation, resource allocation, prioritization of tasks and other project management concepts

## ENGINEERING EXPERIENCE

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### **Entrepreneurial Capstone Engineering Project**

**[September 2015 – April 2016]**

- + Manager of "Newnstein", a self directed online tool used to improve the learning in classrooms through the use of various interactive exercises
- + Provided teachers a tool targeted at improving the success of students by tracking student's involvement with interactive exercises based on physics concepts
- + Implemented the tool using various technologies including GIT, HTML, CSS and Django to enable access onto multiple platforms over a web interface
- + Designed, developed and published an Android application to allow quick use and access removing browser interference
- + Performed customer interviews to obtain a better understanding of the customer's priorities so that we could deliver the correct product
- + Designed and conducted product surveys that were sent to various users to properly understand what the current education system was offering so that we could find our place in the market
- + Collaborated with a team of developers on the high level and low level design documentation of our software system leading to an understanding of technologies and case stories required

### **Applications Developer**

**[May 2014 – September 2016]**

Pason Systems Corporation

Calgary, AB

- + Automated the build process of new Windows 7 Images by using MDT Workbench and PowerShell resulting in a new and efficient process for building images
- + Created an automation framework to silently install applications onto our Windows 7 Images eliminating the need for a user to run installations
- + Streamlined our biggest application on our Windows Image resulting in a less coupled more modular solution
- + Facilitated Retrospective meetings and our Daily Stand-Up meetings as SCRUM Master for the team

**QA Summer Student**

**[May 2012 – September 2012]**

*Pason Systems Corporations*

*Calgary, AB*

- + Organized a suite of test cases into the company's new software system and trained co-workers in the new process
- + Performed each test case resulting in a properly formed and updated test case

## OTHER EXPERIENCE

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**Computer Specialist (Part-time)**

**[September 2010– June 2013]**

*London Drugs*

*Calgary, AB*

- + Determined customer needs and recommend optimal solutions
- + Helped customers with technical issues resolving any troubles they had
- + Built customer relations by providing prompt and exceptional service
- + Maintained up to date knowledge about our services and policies

## EXTRA CURRICULAR

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**Students Offering Support Volunteer Trip**

**[May 2015]**

- + Worked together as a team to construct a farm to provide a new source of food and now local children now have the opportunity for healthy breakfasts at school

*Guatemala*

**Students Offering Support Class Tutor**

**[September 2014-April 2015]**

- + Organized and hosted exam preparation sessions focusing on the of understanding C++
- + Taught classes ranging from 50-150 students C++ concepts ranging from basic variable declaration to vector definition and usage

*Calgary, AB*

**Calgary Drop-In Center**

**[September 15, 2015]**

- + Attended a teambuilding volunteer event to help unfortunate people as part of our final year design project
- + Navigated a fast paced environment serving food to homeless citizens

*Calgary, AB*

## Interests

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- + **Videography/Photography:** While travelling and going on exciting trips I've started to create photographic montages and video compilations of my trips. I run a YouTube channel with my videos and an Instagram page with my photos for fun.
- + **Developing new skills:** Reading books on new skills has become a passion of mine. The topics range from investing to financial management and career advancement techniques.
- + **Travelling:** I enjoy travelling to various parts of the world and I hope to document all of my travels as I continue to explore. Visiting new places and trying new things is a great passion of mine.
- + **Overcoming Challenges:** I constantly find challenges to overcome, this has led me to develop a high level of interpersonal skills, public speaking skills and I'm planning to go skydiving soon- my latest pursuit.