

Steven Heidel | Résumé

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Education

University of Saskatchewan

B.Sc. (Honours) in Computer Science, Minor in Mathematics

Expected Graduation: April 2014

Average in major: 87% (~3.9 GPA)

Saskatoon, SK

September 2009–Present

Technical Skills

Ruby / Ruby on Rails: Taught myself Rails when I was 17 to build web applications as a freelancer, was on core team of the most popular open source Rails CMS (RefineryCMS) with over 170 patches

C / C++: 3 times winner of local ICPC programming contest, top mark in operating systems class

Java: Class project “Login with QR Codes” Android app and server in Java on Google App Engine

Microsoft Office / Visual Basic: Placed 4th in the world for my category: “IT Solutions for Business”

Linux: Use almost exclusively, familiar with many tools including Vim, Git, SVN, and Bash

Prolog, Haskell, Coq: Familiarity with these different programming paradigms

LaTeX: This very document, view the source on my Github

Related Work Experience

Encore

Co-Founder and CTO

Toronto, ON

March 2013–August 2013

- A four-person startup created through The Next 36 program
- Developed server backend in Ruby on Rails managing a team of two others
- Used REST APIs to collect photos and videos from across the web and matched them up with local events

OnTask Rehab Incorporated

Office Consultant

Prince Albert, SK

July 2009–August 2009 & May 2010–August 2010

- Started as a secretary, then took on some projects through my own initiative to make office more efficient
- Migrated their legacy email server and all users to Google apps, saving money and making my job easier
- Updated their website with a new design and CMS
- Created a custom application to manage their medical documents which decreased the amount of time needed to scan and upload new documents by sixty percent

Supplementary Work Experience

University of Saskatchewan Student's Union

Vice President (Operations and Finance)

Saskatoon, SK

May 2012–April 2013

- Oversaw the development and approval of the union's multi-million dollar budget
- Created new procedures which cut in half the amount of time it took for clubs to be recognized or get funding

Elections Canada

Youth Relations Officer and Central Poll Supervisor

Prince Albert, SK

April 2011–May 2011

- Encouraged young people to vote in the 41st general federal election by putting up posters and speaking to youth groups and high schools
- In charge of 3 polls including supervision, set up, and resolving problems and conflicts

Honours and Awards

Valedictorian: for outstanding academic achievement during The Next 36	2013
Queen's Diamond Jubilee Medal: for representing Canada at an international competition	2012
Chancellor's Scholarship: for being university entrant with highest average	2009
Millennium Scholarship: for strong academics and extra-curriculars	2009
Allan Blakeney Award: for political involvement throughout high school	2009
Greystone Scholarship: for high school average > 95%	2009

Other Involvement

The Next 36	Toronto, ON
<i>Entrepreneur</i>	<i>April 2013–August 2013</i>
<ul style="list-style-type: none">Graduate of this summer institute which takes 36 of Canada's upcoming leaders and provides mentorship, instruction, and practical experience relating to entrepreneurshipReceived top marks in highly competitive and challenging classes on business	
Skills Canada	Ottawa, ON
<i>WorldSkills Champion</i>	<i>April 2010–October 2011</i>
<ul style="list-style-type: none">The "Olympics of trades", a competition with categories ranging from construction to hairstylingWon at provincials for my category of IT Solutions for Business, also won two years in a row at nationals, which qualified me for the world competitionAttended world competition in London and ranked 4th overall	
University Learning Centre	Saskatoon, SK
<i>Study Session Leader</i>	<i>September 2010–April 2011</i>
<ul style="list-style-type: none">Assisted students who were struggling in Computer ScienceProvided workshops where they could ask questions and I would help them solve problems	

Associations

Association for Computing Machinery: Student Member
Golden Key International Honours Society: Member
National Association of Parliamentarians: Regular Member
Greystone Scholars Society: Member