

# Abram Fehr

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## EDUCATION

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### **Bachelor of Computer Science, Software Engineering, Co-op Option**

**September 2012 - Present**

Carleton University, Ottawa, Ontario

2<sup>nd</sup> Year Standing; 9.5/12 Major CGPA; President's Scholarship

## SKILLS SUMMARY

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### Technical Skills

- Javascript, with experience in JQuery, the Cognos SDK, and the NodeJS webserver
- Web technologies including HTML and CSS with things like Jekyll, Markdown, Bootstrap, and Jade
- Java, using libraries like Swing for UI and Google Web Toolkit (GWT)
- Python with experience in IronPython and extensive knowledge of the language

### Leadership and Communication Experience

- Team Captain for the Cyber Patriot team, won first place in the Canadian division
- Computer Science Representative for several societies at Carleton (CASG, CSSS and CCSS)
- Teaching Assistant at Carleton for Intro to Computer Science, Fundamentals of Web Programming
- Spoke on the phone and over email with people all day at IBM, often with Fortune 500 companies
- Presented "Parity" for a Demo Camp Talk at the University of Ottawa and won a free trip to CUSEC 2015

## WORK EXPERIENCE

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### **Teaching Assistant**

**January 2014 - Present**

Carleton University  
Ottawa, Ontario

- Graded the quality of students' assignments in Python and Javascript
- Hosted unofficial extra tutorials for students and held office hours to help students with problems

### **Technical Support Analyst**

**April 2014 - December 2014**

IBM

Ottawa, Ontario

- Provided technical support for a number of IBM products to a variety of clients
- Communicated with business professionals worldwide via email and phone on a daily basis
- Helped an SDK developers, by request, to implement solutions for clients during my spare time
- Blogged about Cognos solutions and answer Cognos-related questions on Stack Overflow

## PERSONAL PROJECTS

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### **Parity** – Puzzle Game

<http://www.abefehr.com/parity/>

An addicting numbers puzzle game written in Javascript that uses a combination of design patterns talked about by Addy Osmani in his paper about Design Patterns for Large-Scale Javascript Applications. An iOS and Android mobile version is on the way and is to be implemented using PhoneGap (Cordova).

### **Cubify** – Web Application

<http://www.abefehr.com/cubify/>

Cubify is an extensible tool written in Javascript designed to generate cube art from uploaded images which can then be built with Rubik's cubes, Minecraft blocks or another medium and generates a blueprint that can be followed during construction.

### **What's Cheaper** – Android Application

<http://www.abefehr.com/whatscheaper/>

What's Cheaper is a native Java android application designed with the intent to make price comparisons simpler. Other price comparison apps on the Play Store limited by the number of items you could compare or didn't lay them out in an intuitive way – so I made my own.