

# Jason Voll

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(857)-209-8655

## Skills

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|-------------------|--|
| <b>Languages</b>  | Java, Python, Javascript, Dust.js template language, Apache Velocity |
| <b>Dabbled In</b> | Scheme, C# .NET, C++, SML, Visual Basic                              |
| <b>Frameworks</b> | jQuery, MooTools, Less CSS, Android                                  |
| <b>Databases</b>  | PostgreSQL, Hive, SQL Server, MySQL                                  |
| <b>Tools</b>      | IntelliJ, Eclipse, Subversion, Git                                   |

## Work Experience

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### Software Engineer

*Aug. 2012 - present*

*TripAdvisor LLC, Newton, MA*

- Full-stack software development on TripAdvisor's main consumer product including pages for searching for hotels, comparing prices, and most recently, booking a hotel on TripAdvisor.
- Design and implement new products and A/B tests across full stack including work with PostgreSQL, Java, Javascript, Velocity template language, CSS
- Key contributor and member on instant booking team designing a single page web-app (using Dust.js, LessCSS, jQuery) to allow users to book and pay for travel without leaving the TripAdvisor website
- Demonstrated ability to work in fast-paced environment and take complete ownership of projects from product design and specification through to verifying and maintaining code on the live site
- Formerly worked on internal web apps for improving and maintaining the content of TripAdvisor's website
- Analysis using Hive/Hadoop and MS SQL Server Analysis Services against TripAdvisor's large quantities of data

### Services Engineering Intern

*Fall 2011*

*Mozilla Corporation, Mountain View, CA*

- Worked on a team of three to design and develop the new Firefox Sync client for Android
  - Responsible for the data access and cryptography layer of the sync client
  - Wrote asynchronous code for access and modification of browser bookmarks, history, and passwords via Android content providers
- Primary designer and developer of Mozilla's Device Manger prototype
  - Wrote a Python REST API using Django and Piston to respond to user's requests from their mobile device and store information in a MySQL database
  - Coded an Android application for configuration of the device manager and wrote an Android service to intermittently send device location to REST API

## Software and Data Engineering Intern

Winter 2011

*Infonova GmbH., Graz, Austria*

- Completed term project of developing a Java web application (using the Apache Wicket Framework) for generating XML input for testing of a web service
- Communicated effectively in an international setting without speaking local language

## Software Development Co-op

Summer 2010

*Varicent Software Inc., Toronto, ON*

- Led the internationalization project for Varicent's main software product
- Performed bug fixes as well as implementation of new features in C# .NET
- Utilized SQL for manipulation of data and modification of schema in a SQL Server database

## Information Management Co-op

Fall 2009

*Canadian Security Intelligence Service, Ottawa, ON*

- Maintained and added functionality to Visual Basic 6 business applications
- Extended third-party applications by writing plugins for utilizing data from a custom database

## Quality Assurance Co-op

Summer 2008 & Winter 2009

*Kaleidescape Canada Inc., Waterloo, ON*

- Led testing of Kaleidescape's Speed Reader
- Assisted with coding of Python-based automated test suite
- Created and carried out test plans for acceptance testing of new features
- Verified bug fixes, filed bugs, created documentation, and performed regression testing

## Education

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### Bachelor of Software Engineering with Option in Business

*University of Waterloo, Waterloo, ON*

2007-2012

Relevant project:

#### Taedium – Fourth Year Design Project

- Collaborating within a team of four classmates to build software that cures boredom
- Primary task has been partnering with a teammate to develop the Taedium Android application (available on the Android Market)

## Activities & Interests

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- I spend all winter downhill skiing and the rest of the year rock climbing
- Passion for travel sparked by an internship in Austria and competing in the World Skills competition in Japan during first year of University
- Current count of countries visited or lived in: 27
- Worked part-time as a Head Instructor Lifeguard throughout school
- Volunteered with University of Waterloo Campus Response Team providing first aid on campus