Jason Voll

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Technical

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

Work Experience

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 amounts 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

Bachelor of Software Engineering, Business Option, Co-op   *Class of 2012*

University of Waterloo, Waterloo, ON

Project of Interest: Taedium – Cure your boredom

- Collaborated with a team of four classmates to complete a project of our choosing from ideation, design, and development, through to a working product
- Primarily focused on creating the Taedium Android application, available on the Google play store

Hobbies, Interests, & Volunteer Work

- I spend my time downhill skiing in the winter and rock climbing in the summer
- Love for outdoor activities -- hiking, kayaking, biking, camping
- Exploring the world and immersing myself in different cultures -- I've lived in Austria, Canada, and the USA; my current country count is 27
- Volunteered with UW's Campus Response Team providing first aid for campus events
- Worked part-time as a Head Instructor Lifeguard at a municipal pool throughout university