Jason Voll

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Technical

Languages	Java, JavaScript, Swift
Dabbled In	Python, C++, Scala, Scheme, C# .NET, SML, Haskell, Visual Basic
Frameworks	Android, iOS, Java Servlets + Apache Velocity + Tomcat
Web Technologies	Node.js, npm, requireJS, bluebird, jQuery, MooTools, SCSS, Less CSS, Dust.js
Databases	PostgreSQL, Hive, SQL Server, MySQL
Tools	Android Studio, Xcode, Git, IntelliJ IDEA, Subversion, Eclipse

Work Experience

Intermediate Software Engineer   *July 2015 – Present*

Mobify, Vancouver, BC

- Building an app SDK (Astro - http://astro.mobify.com) for rapid development of Android and iOS apps using a mix of native and web components
- Coercing native Android and iOS APIs into a common JavaScript API to make it easy for web developers to build high quality native apps
- Filled the role of technical lead for an app project using Astro to build and ship transactional e-commerce Android and iOS apps complete with push messaging, right-to-left Arabic internationalization, and barcode scanning
- Polyglot developer working with Java, Swift, and JavaScript across the Android, iOS, and mobile web platforms on a daily basis
- Demonstrated ability to ramp up and become effective quickly having begun my career at Mobify without any iOS or Swift experience
- Proven effective technical communication and project management skills through training partners to use Mobify technologies and working with clients across multiple time zones
- Agile team member partaking in sprints, scrums, etc.; able to navigate and work within the multiple different workflows existing across the Mobify organization

Software Engineer II   *Aug. 2012 – Apr. 2015*

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 Servlets, JavaScript, Apache Velocity + Tomcat, 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
- Maintenance and development of Java services against PostgresSQL for hotel availability search and booking
- 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
- 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 big 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 and ski touring 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
- Perpetually terrible pub trivia participant
- 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