

# Jasmeet Oberai

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## Skills Summary

- Mobile/Web : iOS , Android , JavaScript , CSS3 , HTML5 , Node.js
  - Backend : Java , C/C++ , C# , Ruby , Python , Bash
  - Frameworks/Tools : Spring , Spark , Kafka , ReactJS , RoR , OpenGL , django , jQuery , Git
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## Experience

### Bloomberg LP

New York, NY

Software Developer - Bloomberg Query Language Team

Sep 2016 - Present

- Building and enhancing a state of the art data analytics platform currently serving approx 40000 daily users
  - Implemented many core analytics engine features, optimizations and improvements
  - Added batch processing interface and backtesting support for Jupyter frontend using ComDB2 and RabbitMQ
  - Assisted in setting up horizontal scalability service for distributed processing of queries using Java and Spark
  - Expanded CI/CD infrastructure using Python, jMeter and Jenkins
  - School captain for hiring at University of Waterloo
  - Tools/Frameworks Used: Java, Spark, Spring, Python, C++, RabbitMQ, ComDB2, Bash
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### Snap Inc.

Venice, CA

Software Development Intern - Snaplabs Team - iOS

Sep 2015 - Dec 2015

- Worked with and programmed both firmware and iOS integration for new, cutting edge Snap Spectacles
  - Tools/Frameworks Used: Git, Xcode, Asana, GDB
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### Bloomberg LP

New York, NY

SDE Intern - Bloomberg Query Language Team

Jan 2015 - Apr 2015

- Worked on adding and optimizing functionality for BQL engine core, mainly in Java
  - Tools/Frameworks Used: Hadoop, Spark, Vectorwise, Spring, ANTLR, MySQL, R
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### Amazon

Seattle, WA

SDE Intern - Instant Video - Android

May 2014 - Aug 2014

- Added cross team HTTP service integration for the application and worked on visual design for storefront
  - Tools/Frameworks Used: Git, Eclipse, Android SDK, EasyMock, PowerMock
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### Flipp

Toronto, ON

Software Development Intern - Backend - RoR

Jan 2013 - Apr 2013

- Worked on web application implemented in Ruby on Rails running on Amazon Web Services (including S3)
  - Tools/Frameworks Used: RoR, HTML5, CSS3, MySQL, FogBugz, Git
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## Personal Projects

<http://www.jasinobe.com/projects/>

**ItinPlanner** : Travel planning Android app created during fourth year as a design project

**SketchServer** : A real-time multi user sketch pad made using Node.js, Backbone.js, Omni.js, HTML5, and CSS3

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## Education

### University of Waterloo

Waterloo ON

Bachelor of Software Engineering

Sep 2011 - Dec 2016

**Relevant Courses:** Security , Operating Systems , Concurrency , Artificial Intelligence