

Johan Harjono

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Education

University of Toronto

Toronto, Ontario

Honour Bachelors of Science in Computer Science

June 2012

Skills

- Languages: Java, Scala, Python
- Platforms and Architectures: Finagle, Thrift, JVM GC tuning, Distributed Systems Architecture, MySQL, Hadoop, Mapreduce, Zookeeper

Professional Experiences

Twitter, Inc.,

Core Storage, Senior Software Engineer

April 2015 - Present

- Core member of [Manhattan](#) project - Twitter's multi-tenant distributed key-value store.
- Reliability Tech Lead for Manhattan. Led team-wide efforts tackling long-term service reliability strategies such as improved rate limiting and resource isolation in multi-tenant storage clusters.
- Iterated on new use cases on top of Manhattan, including a new graph store and the ability to submit storage operations with stronger consistency guarantees.
- Service lead for Manhattan Importer Pipeline which allows users to set up recurrent workflow importing data from HDFS into Manhattan for online serving use case
- Refined serving layer design to drive down latency and resource utilization.

Data Services, Software Engineer

Oct 2012 - April 2015

- Service lead for the distributed graph storage systems which stores and serves core noun data of twitter.com such as Follows, Likes, Retweets, etc.
- Continuously iterated on said storage services to provide guarantees of (multi-region) high availability, high throughput, low latency, and correctness.
- Designed and implemented scalability measures to prepare said distributed services for web scale traffic surges on twitter.com during global events (e.g. World Cup 2014).

IBM Canada Software Group

Software Prototype Intern

May 2010 - August 2011

- Involved in development of a private Infrastructure-as-a-Service (IaaS) cloud layer software