

## Contact

[www.linkedin.com/in/timsell](http://www.linkedin.com/in/timsell)  
(LinkedIn)

## Top Skills

Hadoop  
Python  
MapReduce

## Languages

English (Native or Bilingual)

## Certifications

Google Certified Professional - Data Engineer

## Honors-Awards

Not last  
Summer study scholarship

# Tim Sell

@ google cloud  
Singapore

## Experience

### Google

Strategic Cloud Engineer  
January 2017 - Present (3 years 8 months)  
Singapore

### ThoughtWorks

Data Engineer - Lead Consultant  
May 2014 - January 2017 (2 years 9 months)  
Singapore

In Sydney, Melbourne and Singapore.

### Recurse Center

Recurser  
May 2015 - August 2015 (4 months)  
Greater New York City Area

### Icelab

Web Developer  
February 2014 - April 2014 (3 months)  
Melbourne, Australia

I learned some more front end development and built a web based game using JavaScript, React and Ruby on Rails.

### Forwiw

Co-founder  
March 2013 - November 2013 (9 months)

I learned that I had no idea how to build a startup, but it was a lot of fun anyway.

### Expedia, Inc.

Data Warehouse Engineer  
August 2013 - September 2013 (2 months)

Contracting stint to help out in building a data mart for use in search engine marketing, we used Java, Hadoop, Cascading and Hive.

Songkick.com

Data Engineer

July 2011 - April 2013 (1 year 10 months)

Helped build a data science team trying to build a data driven culture. Some quick and dirty machine learning. We built data sets useful for services and product development. I learned valuable lessons in how and how not to start data teams.

Sematext International

Software Engineer

February 2011 - July 2011 (6 months)

London and Berlin

Primarily Java development. I helped with the design and development of a scalable, high-performance analytics platform using HBase.

Last.fm

2 years 10 months

Data Engineer

July 2008 - February 2011 (2 years 8 months)

This is where I learned to be a professional developer. Initially we had a very unstructured environment that facilitated playful learning and making our own mistakes. Because of this, we had direct ownership over projects and services we maintained.

Things I learned:

- Hadoop, HBase, Hive, Thrift, Solr.
- Java, Python, SQL.
- Building scalable microservices.
- Data pipelines and ETL.
- Unit testing and code reviews.
- Ad hoc data processing.
- Deploying and monitoring.
- Open source development.

Ad hoc data processing and investigations.

Maintenance and development of search infrastructure built around Solr and Hive.

Maintenance and development of the scrobbling API infrastructure, particularly developing a 2.0 version and integrating as a Last.fm webservice.

### Data Team Intern

May 2008 - July 2008 (3 months)

Generated demographics data sets using map reduce and Hadoop.

Implemented a Postgresql to HBase replication tool in Python.

Gained experience in technologies, including Hadoop, Thrift, HBase, JUnit, Python and skytools.

Contributed to an open source project, bugfixes and small features.

Researched distributed programming models and technologies.

### National Australia Bank

Quantitative Research Internship

February 2008 - May 2008 (4 months)

I worked on some small projects using C++, Java and C#. I modified tools for pricing financial instruments and built a prototype for running monte carlo simulations on a specific model.

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## Education

King's College London, U. of London

MSc Advanced Computing, Informatics · (2011 - 2012)

La Trobe University

BSc (Honours), Mathematics · (2000 - 2007)