

# Sebastián Ferrada

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📄 <http://scferrada.github.io>

## Education

- Present **Universidad de Chile**, Santiago.  
Pursuing a Ph.D in Computer Science degree
- 2015–2017 **Universidad de Chile**, Santiago.  
Expecting Master's degree in Computer Science.  
Thesis work: IMGpedia - A large-scale knowledge-base to perform visuo-semantic queries over Wikimedia Commons images.
- 2010–2015 **Universidad de Chile**, Santiago.  
Bachelor's degree in Computer Science. 5.4/7

## Experience

### Academic

- Santiago CC3201 - Databases**,  
2014–2017 *Teaching assistant.*
- Santiago CC3001 - Design and Programming Methodologies**,  
2014–2017 *Teaching assistant.*
- Santiago CC5204 - Content-based Image Retrieval**,  
2016 *Teaching assistant.*
- Santiago CC4102 - Design and Analysis of Algorithms**,  
2014–2016 *Teaching assistant.*
- Santiago CC3001 - Algorithms and Data Structures**,  
2014, 2016 *Teaching assistant.*

### Work

- Santiago Millenium Nucleus Center for Semantic Web Research**,  
2015–2016 *Graduate Research Assistant.*  
Research tasks in the project involving my M.Sc. thesis, grant N°NC1200004.
- Santiago NIC Chile Research Labs**,  
2014 *Part-time Programmer.*  
I contributed in the implementation of features for the [BeCity](#) Android app. The main technologies used in the project were mobile (Eclipse, Android SDK) and Python/Flask/MongoDB for the server side.

**Santiago Rubén Boroschek y Asociados,**

2013 *Part-time Programmer.*

I designed and developed a desktop application for real time monitoring accelerometers' internal state for sensors of CChEN (Chilean Commission for Nuclear Energy). The main tools used were Qt/Qt Creator and IntelliJ/Java.

**Santiago Imagicair,**

2012 *Part-time Programmer.*

I developed features for a J2EE application for the Health Insurance System of Carabineros of Chile. Technologies used were IntelliJ, Maven, Spring Webflow, Hibernate, Java Server Faces, Tomcat and Oracle Databases.

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## Publications

**AMW 2016 IMGpedia: Enriching the Web of Data with Image Content Analysis.,**

*In Proceedings of the 10th Alberto Mendelzon International Workshop on Foundations of Data Management, 2016.*