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# Sebastián Ferrada

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## Education

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| Current | **Universidad de Chile**, Santiago. |
| | Pursuing a PhD in Computer Science degree |
| 2015–2017 | **Universidad de Chile**, Santiago. |
| | MSc in Computer Science. |
| | Thesis work: IMGpedia - A large-scale knowledge-base to perform visuo-semantic queries over Wikimedia Commons images. |
| 2010–2017 | **Universidad de Chile**, Santiago. |
| | Civil Engineering in Computer Science. |
| 2010–2015 | **Universidad de Chile**, Santiago. |
| | Bachelor's degree in Computer Science. |

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## Experience

### Academic

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| **Santiago** 2014–2017 | **CC3201 - Databases**, *Teaching assistant. Laboratory preparation and theoretical classes*. |
| **Santiago** 2014–2017 | **CC3001 - Design and Programming Methodologies**, *Teaching assistant. Assignment review and theoretical classes*. |
| **Santiago** 2016 | **CC5204 - Content-based Image and Video Retrieval**, *Teaching assistant. Assignment review*. |
| **Santiago** 2014–2016 | **CC4102 - Design and Analysis of Algorithms**, *Teaching assistant. Assignment review*. |
| **Santiago** 2014, 2016 | **CC3001 - Algorithms and Data Structures**, *Teaching assistant. Theoretical classes*. |

### Work

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| **Santiago** 2015–2017 | **Millenium Nucleus Center for Semantic Web Research**, *Graduate Research Assistant*. Research tasks in the project involving my PhD thesis, grant N°NC1200004. |

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| **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 Heath Insurance System of Carabineros de Chile. Technologies used were IntelliJ, Maven, Spring Webflow, Hibernate, Java Server Faces, Tomcat and Oracle Databases. |

## Publications

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| **ISWC 2017** | **IMGpedia: a Linked Dataset with Content-based Analysis from the Wikimedia Commons Images.**, |
| | *In the Proceedings of the 16th International Semantic Web Conference (ISWC)*, Vienna, Austria, Oct. 21–25, 2017. |
| **AMW 2016** | **IMGpedia: Enriching the Web of Data with Image Content Analysis.**, |
| | *In the Proceedings of the 10th Alberto Mendelzon International Workshop on Foundations of Data Management (AMW)*, Panama City, Panama, June 6–10, 2016. |