

Alberto Poncelas Rodriguez

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Work Experience

- 2015 – Present • **Researcher** in ADAPT centre, Ireland.
I am a PhD Researcher at the ADAPT Centre, which is the Science Foundation Ireland funded research centre for Digital Content Technology. My research is in the area of Data selection in Machine Translation.
- 2013 – 2015 • **Big Data Engineer** in BEEVA.
Projects involved: (i) Development of a tool for calculating the risks involved in the granting of loans; (ii) A client segmentation analysis using data mining techniques. Technologies: R and Hive; and (iii) Development of a tool based in intelligent agent ecosystem. Technologies: node.js and Neo4j.
- 2012 – 2012 • **Software Developer** in LKS.
Use of Oracle PL/SQL, Oracle Forms and Oracle Reports technologies
- 2011 – 2011 • **Web Developer** in Sectoro4 Consultoría Y Soluciones Informáticas S.L.
Web application development using the following technologies: PHP (CodeIgniter framework), HTML, jQuery, AJAX, CSS, MySQL

Education

- 2015 – 2019 • **Ph.D., Machine Translation** in Dublin City University, Ireland.
Research in the area of Machine Translation.
Thesis title: *Improving Transductive Data Selection Algorithms for Machine Translation*
- 2012 – 2013 • **M.Sc., Machine Learning** in University of the Basque Country, Spain.
Thesis title: *Preprocess and data analysis techniques for affymetrix DNA microarrays using bioconductor: a case study in Alzheimer disease*
- 2009 – 2010 • **Erasmus study year** in École pour l'informatique et les techniques avancées (EPITA), France
- 2004 – 2011 • **B.Sc. Computer Science** in University of the Basque Country, Spain.
Creation of multiple modules for integration and communication between two JAVA applications.

Certificates and Courses

- 2016 • **Machine learning** Coursera
<https://www.coursera.org/account/accomplishments/certificate/5XKFZ85CN8U8>
- 2014 • **Data Science Specialization** Coursera
<https://www.coursera.org/account/accomplishments/specialization/3QE0AonkEe>

Languages

- Native: Spanish
- Proficiency level: English
- Medium level: French, Basque
- Beginner level: Serbian, German, Japanese