Alberto Poncelas Rodriguez

🌐 https://alberto-poncelas.github.io
🔗 https://ie.linkedin.com/in/albertoponcelas/en

Work Experience

Oct 2015 – Present
- **Machine Translation Researcher** in ADAPT centre, Ireland.
My research is in the area of Machine Translation and Natural Language Processing (pre-process data for seq2seq models, analysis of synthetic data, build sentiment classifier with Keras ...).

Aug 2013 – Sep 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.

Jun 2012 – Jul 2012
- **Software Developer** in LKS.
Use of Oracle PL/SQL, Oracle Forms and Oracle Reports technologies

May 2011 – Aug 2011
- **Web Developer** in Sector04 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.

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/3QEOAonkEe

Languages

- Native: Spanish
- Proficiency level: English
- Intermediate level: French, Basque
- Basic level: Serbian, German, Japanese

Miscellaneous

Academia

- Number of papers published: 19
  `https://scholar.google.com/citations?user=OHKfbi4AAAAJ`
- Teaching Assistant of "Programming I" (2005-2008), "Data Structures and Algorithms" (2006) in University of the Basque Country.
- Teacher of "Statistical Machine Translation" (2020) and "Machine Learning" (2020) in Dublin City University.

Volunteering Experience and Scientific outreach

2017 – 2019
- **Coordinator** All Ireland Linguistics Olympiad (AILO) and International Linguistics Olympiad (2017)

2017 – 2018
- **Spanish Teacher**
- **My Thesis in 3 in French**

2015
- **DL4MT Winter School: Deep Learning for Machine Translation** volunteer