

# Adrien BOUGOUIN

PH.D STUDENT in Computer Science

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## EDUCATION

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| 2012–now  | <b>Ph.D in Computer Science</b> , <i>University of Nantes</i> , Nantes, France.<br>Automatic Domain-Specific Keyphrase Annotation.            |
| 2010–2012 | <b>Master's degree in Computer Science</b> , <i>University of Nantes</i> , Nantes, France.<br>Software Engineering and Software Architecture. |
| 2009–2010 | <b>Bachelor's degree in Computer Science</b> , <i>University of Nantes</i> , Nantes, France.<br>Software Engineering.                         |
| 2007–2009 | <b>Associate's degree in Computer Science</b> , <i>Institute of Technology of Nantes</i> , Nantes, France.<br>Software Engineering.           |
| 2004–2007 | <b>High school diploma</b> , <i>Joubert High School</i> , Ancenis, France.  |

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## SKILLS

### Computer Science

Programming Languages	Python, Bash, C, C++, Objective-C, Java, OCaml
Web Technologies	HTML, PHP, Javascript, Objective-J/Cappuccino
Software Modeling	UML
Database	Oracle, PostGIS, PL/SQL, JDBC
Operating System	Mac OS X, Linux, Microsoft Windows
Language	
French	Native
English	Good
Vietnamese	Beginner

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## EXPERIENCE

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| October 2012–Now       | <b>Teaching Assistant</b> , <i>Institute of Technology of Nantes</i> , Nantes, France.<br>UML, HTML/CSS, and Javascript.   |
| July 2014–October 2014 | <b>Internship Student</b> , <i>NII</i> , Tokyo, Japan.<br><b>Automatic Keyphrase Extraction.</b><br>Python implementation of a supervised extension of the TopicRank keyphrase extraction method.  |
| March 2012–August 2012 | <b>Internship Student</b> , <i>NII</i> , Tokyo, Japan.<br><b>Behavior Imitation on a Humanoid Robot.</b><br>C++ system using the Kinect motion tracking device to move the humanoid robot NAO.   |
| July 2011–August 2011  | <b>Software Developer</b> , <i>Magic Instinct Software</i> , Nantes, France.<br><b>Web Application for Raster Chart Cropping.</b><br>Javascript application to crop maps using the OpenLayers framework.   |
| April 2010–May 2010    | <b>Internship Student</b> , <i>Magic Instinct Software</i> , Nantes, France.<br><b>Web Application for Nautical Buoy Tracking.</b><br>Objective-J/Cappuccino application to display tracked nautical buoys on Google Maps.                                 |
| April 2009–June 2009   | <b>Internship Student</b> , <i>IRCCyN</i> , Nantes, France.<br><b>Implementation of the OSEK COM External Communication Protocol.</b><br>C implementation of the OSEK COM external communication protocol under the Trampoline real-time operating system. |

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## Publications

- [1] Adrien Bougouin and Florian Boudin. Topicrank : ordonnancement de sujets pour l'extraction automatique de termes-clés. *TAL*, 55(1):45–69, 2014.
- [2] Adrien Bougouin, Florian Boudin, and Béatrice Daille. The impact of domains for keyphrase extraction (influence des domaines de spécialité dans l'extraction de termes-clés) [in french]. In *Proceedings of TALN 2014 (Volume 1: Long Papers)*, pages 13–24, Marseille, France, July 2014. Association pour le Traitement Automatique des Langues.
- [3] Adrien Bougouin, Florian Boudin, and Béatrice Daille. Topicrank: Graph-based topic ranking for keyphrase extraction. In *Proceedings of IJCNLP 2013*, pages 543–551, Nagoya, Japan, October 2013. Asian Federation of Natural Language Processing.
- [4] Adrien Bougouin. State of the art of automatic keyphrase extraction methods (État de l'art des méthodes d'extraction automatique de termes-clés) [in french]. In *Proceedings of RECITAL 2013*, pages 96–109, Les Sables d'Olonne, France, June 2013. Association pour le Traitement Automatique des Langues.