

# Adrien BOUGOUIN

PH.D STUDENT in Computer Science

## EDUCATION

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

## SKILLS

### Computer Science

- Programming Languages Pyhon, 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

## EXPERIENCE

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