

Adrien BOUGOUIN

PH.D in Computer Science / Software Engineer

EDUCATION

- 2012–2015 **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	Ruby, Python, Bash, C, C++, Objective-C, Java, OCaml
Web Technologies	HTML, PHP, Javascript, Objective-J
Software Modeling	UML
Database	Oracle, PostGIS, PL/SQL, JDBC
Operating System	Mac OS X, Linux, Microsoft Windows
	Language
French	Native
English	Good
Japanese	Beginner
Vietnamese	Beginner

EXPERIENCE

- February 2016–Now **Software Engineer**, *Minimal Technologies*, Tokyo, Japan.
WOVN.io: Website Localization Service
Backend development (Ruby on Rails); Frontend development (Javascript+Vue.js).
- October 2012–June 2015 **Teaching Assistant**, *Institute of Technology of Nantes*, Nantes, France.
UML, HTML/CSS, and Javascript.
- July 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.
- July 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.

Publications

- [1] Adrien Bougouin, Florian Boudin, and Béatrice Daille. Keyphrase Annotation with Graph Co-Ranking. In *Proceedings of COLING 2016*, pages 2945–2955, Osaka, Japan, December 2016. The COLING 2016 Organizing Committee.
- [2] Adrien Bougouin, Florian Boudin, and Béatrice Daille. Unified document and domain-specific model for keyphrase extraction and assignment (Modélisation unifiée du document et de son domaine pour une indexation par termes-clés libre et contrôlée) [in French]. In *Proceedings of JEP-TALN-RECITAL 2016 (Volume 2)*, pages 235–247, Paris, France, July 2016. Association pour le Traitement Automatique des Langues.
- [3] Adrien Bougouin, Florian Boudin, and Béatrice Daille. LINA at DEFT 2016 (TopicRank en domaines de spécialité : participation du LINA à DEFT 2016) [in French]. In *Proceedings of DEFT 2016*, Paris, France, July 2016. Association pour le Traitement Automatique des Langues.
- [4] Béatrice Daille, Sabine Barreaux, Florian Boudin, Adrien Bougouin, Damien Cram, and Amir Hazem. Automatic Indexing of Scientific Papers: Presentation and Results of DEFT 2016 Text Mining Challenge (Indexation d’articles scientifiques : Présentation et résultats du défi fouille de textes DEFT 2016) [in French]. In *Proceedings of DEFT 2016*, Paris, France, July 2016. Association pour le Traitement Automatique des Langues.
- [5] Adrien Bougouin, Sabine Barreaux, Laurent Romary, Florian Boudin, and Béatrice Daille. Termith-eval: a french standard-based resource for keyphrase extraction evaluation. In *Proceedings of LREC 2016*, pages 1924–1927, Portoroz, Slovenia, May 2016. European Language Resources Association.
- [6] Adrien Bougouin. *Automatic Domain-Specific Keyphrase Annotation (Indexation automatique par termes-clés en domaines de spécialité)* [in French]. PhD thesis, Université de Nantes, 2015.
- [7] Adrien Bougouin and Florian Boudin. TopicRank: Graph-Based Topic Ranking for Keyphrase Extraction (TopicRank : ordonnancement de sujets pour l’extraction automatique de termes-clés) [in French]. *TAL*, 55(1):45–69, 2014.
- [8] 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)*, pages 13–24, Marseille, France, July 2014. Association pour le Traitement Automatique des Langues.
- [9] 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.
- [10] 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.