

Thales F. C. Bertaglia

PHD STUDENT · NATURAL LANGUAGE PROCESSING

☎ (+55) 45-99947-1331 | ✉ thalesbertaglia@gmail.com | 🏠 tfcbertaglia.github.io | 📱 tfcbertaglia | 🌐 thales-bertaglia-b5926614b

Education

University of Sheffield

Sheffield, United Kingdom

PHD IN COMPUTER SCIENCE – NATURAL LANGUAGE PROCESSING

Sep. 2017 - PRESENT

- Research topic: Exploring Audio Cues for Machine Translation.
- Doctoral Award Studentship granted by the Faculty of Engineering.
- **Supervisor:** Lucia Specia

USP(Universidade de São Paulo)

São Carlos, Brazil

M.SC. IN COMPUTER SCIENCE AND COMPUTATIONAL MATHEMATICS – NATURAL LANGUAGE PROCESSING PROGRAM

Mar. 2016 - Aug. 2017

- Research topic: Textual normalization of user-generated content.
- Master's Degree Scholarship granted by the Brazilian Ministry of Education (CNPq).
- Thesis: User-generated Content Textual Normalization
- **Supervisor:** Maria das Graças Volpe Nunes

UNIOESTE(Universidade Estadual do Oeste do Paraná)

Cascavel, Brazil

B.S. IN COMPUTER SCIENCE

Feb. 2011 - Dec. 2015

- Outstanding Student in 2015. Granted by the Brazilian Society for Computing.
- Best Computer Science Graduate of 2015. Granted by UNIOESTE.
- One year exchange program in Katholieke Universiteit Leuven, Belgium.
- Bachelor thesis: Aspect Extraction-based Opinion Mining.
- **Supervisor:** Clodis Boscaroli

Skills

Programming Python, C/C++, Java

Frameworks NumPy, Scikit-Learn, Keras, TensorFlow

Languages Portuguese (native), English (fluent), Spanish (intermediate), German (basic)

Publications

PELESent: Cross-domain polarity classification using distant supervision

PROCEEDINGS OF THE 6TH BRAZILIAN CONFERENCE ON INTELLIGENT SYSTEMS

2016

Exploring Word Embeddings for Unsupervised Textual User-Generated Content Normalization

PROCEEDINGS OF THE 2ND WORKSHOP ON NOISY USER-GENERATED TEXT AT COLING

2016

Opinion Mining and Sentiment Analysis: an overview

PROCEEDINGS OF THE 1ST ANNUAL MEETING ON SCIENCE, TECHNOLOGY AND INNOVATION AT UNIOESTE

2015

The SIRC Model and the Dynamics of Influenza Transmission

PROCEEDINGS OF THE 5TH MEETING ON APPLIED COMPUTING AT UNIOESTE

2012

Computational Implementation of the SIRC Model for Influenza A-H1N1 Transmission

PROCEEDINGS OF THE 21ST MEETING ON SCIENTIFIC INITIATION AT UEM

2012

Research Projects

Exploring Audio Cues for Machine Translation (provisory)

Brazil

PHD PROJECT

Sep. 2017 - PRESENT

- Scholarship granted by the Faculty of Engineering of the University of Sheffield.
- Exploring the use of audio on Multimodal Machine Translation.

User-generated Content Textual Normalization

Brazil

MASTER'S PROJECT

Mar. 2016 - Aug. 2016

- Scholarship granted by the Brazilian Ministry of Education (CNPq).
- Development of natural language processing methods and tools for normalization of user-generated content.
- Techniques employed: machine learning, deep learning and linguistic knowledge.

Opinion Mining and Sentiment Analysis

Brazil

UNDERGRADUATE PROJECT

Oct. 2014 - Oct 2015

- Tutorial Education Program Scholarship granted by the Brazilian Ministry of Education (MEC-SESU).
- Investigation of the theoretical and applied aspects of opinion mining, including the implementation of natural language processing methods.

Negative Correlation Learning and Neural Network Ensembles

Brazil

UNDERGRADUATE PROJECT

Oct. 2012 - Sep 2013

- Tutorial Education Program Scholarship granted by the Brazilian Ministry of Education (MEC-SESU).
- Investigation of negative correlation learning for training ensembles of neural networks.

Development and Integration of a Simulation Environment for Dengue Spreading

Brazil

UNDERGRADUATE PROJECT

Jan. 2012 - Oct 2012

- Institutional Scientific Initiation Scholarship granted by the Brazilian Ministry of Education (CNPq).

Computational Implementation of the SIRC Model for Influenza A-H1N1 Transmission

Brazil

UNDERGRADUATE PROJECT

Sep. 2011 - Jan 2012

- Institutional Scientific Initiation Scholarship granted by the Brazilian Ministry of Education (CNPq).

Awards & Scholarships

AWARDS

- 2015 **Best Computer Science Graduate of 2015**, Granted by Universidade Estadual do Oeste do Paraná *Brazil*
- 2015 **Outstanding Student in 2015**, Granted by the Brazilian Society for Computing *Brazil*

SCHOLARSHIPS

- 2017 **PhD Scholarship**, Doctoral Award Studentship granted by the Faculty of Engineering of the University of Sheffield *United Kingdom*
- 2016 **Master's Degree Scholarship**, Granted by the Brazilian Ministry of Education (CNPq) *Brazil*
- 2013 **Science Without Borders Undergraduate Scholarship**, Granted by the Brazilian Ministry of Education (CNPq) *Belgium*
- 2012 **Tutorial Education Program (PET) Scholarship**, Granted by the Brazilian Ministry of Education (MEC-SESU) *Brazil*
- 2011 **Institutional Scientific Initiation Scholarship**, Granted by the Brazilian Ministry of Education (CNPq) *Brazil*