

# Felipe S. F. Paula

MSc. STUDENT

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“Make the change that you want to see in the world.”

## Education

### MSc Computer Science

UFRGS (FEDERAL UNIVERSITY OF RIO GRANDE DO SUL)

Porto Alegre, Brazil

2018 - current

### BSc Computer Science

UFRGS (FEDERAL UNIVERSITY OF RIO GRANDE DO SUL)

Porto Alegre, Brazil

2017

## Skills

**Programming** Python, R, C/C++, JAVA, Javascript, Swift/Objective-C

**Web** Flask, HTML, CSS

**Frameworks** Caret, SK-learn, Theano, Tensorflow

## Experience

### Neurocognition and Natural Language Processing Research Lab - UFRGS

UNDERGRAD RESEARCHER

- Project that involved the detection of dementias using NLP.

Porto Alegre, BR

Jan. 2017 - Jul. 2017

### Neurocognition and Natural Language Processing Research Lab - UFRGS

UNDERGRAD RESEARCHER

- Project that involved the lexical simplification task.

Porto Alegre, BR

Jul. 2016 - Dec. 2016

### Neurocognition and Natural Language Processing Research Lab - UFRGS

UNDERGRAD RESEARCHER

- Project that involved building a speech recognition system to assist in neuropsychological evaluation batteries.

Porto Alegre, BR

Jan. 2015 - Jul. 2016

### Apple Academy - PUCRS

IOS DEVELOPER

- Developing iOS applications in the Apple Academy Program.

Porto Alegre, BR

Feb. 2015 - Dec. 2015

### Physics Institute - UFRGS

UNDERGRAD RESEARCHER

- Study and simulation of random walk models with applications in i) football tournaments and ii) fluxes of people.

Porto Alegre, BR

Jul 2012 - Jul 2014

## Publications

- *Detecting clinical conditions with distributional semantics models.* WinLP, 2017, Felipe Paula, Rodrigo Wilkens, Marco Idiart and Aline Villavicencio.
- *LexSubNC: A Dataset of Lexical Substitution for Nominal Compounds.* IWCS, 2017, Rodrigo Wilkens, Leonardo Zilio, Silvio Ricardo Cordeiro, Felipe Paula, Carlos Ramisch, Marco Idiart and Aline Villavicencio.
- *Anomalous diffusion in the evolution of soccer championship scores: real data, mean-field analysis, and an agent-based model,* Physical Review E, 2013, Roberto da Silva, Mendeli H. Vernstein, Sebastian Gonçalves, Felipe Paula.