

Ranniery MAIA

Rua Duarte Schutel 61 apto 904, Florianópolis, SC, 88015-640, Brazil
+55-48-98804-6060 ✧ rdsmaia@yahoo.com.br

EDUCATION

Nagoya Institute of Technology, Nagoya, Japan

D.Eng. in Computer Science and Engineering 2006

Universidade Federal do Rio de Janeiro, Rio de Janeiro, RJ, Brazil

M.Sc. in Electrical Engineering 2000

Universidade Federal do Rio Grande do Norte, Natal, RN, Brazil

B.Sc. in Electrical Engineering 1998

WORK EXPERIENCE

Federal University of Santa Catarina

Senior Postdoctoral Fellow

October 2016 - present

Florianópolis, SC, Brazil

- Research on controllable speech synthesis using deep learning

Toshiba Research Europe Limited

Senior Research Engineer

April 2016 - September 2016

Cambridge, UK

- Research on adaptation approaches for TTS systems using deep learning

Toshiba Research Europe Limited

Research Engineer

October 2009 - March 2016

Cambridge, UK

- Research on quality improvement of HMM-based synthesizers
- Research and development of parametric speech models for HMM-based synthesis

National Institute of Information and Communications Technology

Research Expert

April 2009 - September 2009

Kyoto, Japan

- Research and development of TTS systems
- Development of speech translation systems

ATR Spoken Language Communication Laboratories

Research Scientist

April 2006 - March 2009

Kyoto, Japan

- Development of noise suppression systems
- Research and development of TTS systems

RESEARCH INTERESTS

Machine learning, deep learning, speech processing, parametric models of the speech signal, signal processing.

AWARDS

Brazilian Council for Scientific and Technological Development (CNPq)

Research fellowship October 2016 - September 2017

Hori Information Science Promotion Foundation

Research grant April 2003 - March 2004

Japanese Ministry of Education, Culture, Sports, Science and Technology

Student scholarship October 2001 - March 2006

Brazilian Council for Scientific and Technological Development (CNPq)

Student scholarship (doctor degree) April 2000 - September 2001

Brazilian Council for Scientific and Technological Development (CNPq)

Student scholarship (master degree) February 1998 - March 2000

Brazilian Council for Scientific and Technological Development (CNPq)

Scientific initiation scholarship February 1996 - January 1997

COMPUTER SKILLS

Languages C, C++, Python, Perl, MATLAB, PHP, Pascal, Fortran, Shell scripts

Platforms Linux, Windows, Mac OS

LANGUAGES

- Portuguese: native.
- English: listening, writing, reading and speaking: good.
- Japanese: listening and speaking: good; reading: fair; writing: poor.

PUBLICATIONS

- 7 papers in international journals
- 44 papers in refereed international conference proceedings
- 5 papers in refereed Brazilian conference proceedings
- 9 papers in Japanese conference proceedings
- 2 patent granted and 1 pending as main inventor

PERSONAL INFORMATION

Citizenship Brazilian

Date of birth 7th May 1976

Place of birth Natal, RN, Brazil

Marital status Married

Hobbies Association football, films