

Curriculum Vitae

Manoel Horta Ribeiro

manoelhortaribeiro@gmail.com

[manoelhortaribeiro.github.io](https://github.com/manoelhortaribeiro)

Rua Campanha 98 n101, Belo Horizonte, Brazil, 30310770

EDUCATION

MSc in Computer Science *2017 - present*

Universidade Federal de Minas Gerais

GPA: 4

Advisors: Wagner Meira Jr, Virgílio Almeida

Relevant Courses: Complex Networks, Probabilistic Graphical Models, Recommender Systems;

Exchange Programme *2014 - 2015*

University of Melbourne

Relevant Courses: Knowledge Technologies, Artificial Intelligence;

BSc in Computer Science *2013 - 2017*

Universidade Federal de Minas Gerais

GPA: 3.66 (ranked 1st)

Relevant Courses: Data Mining, Data Visualization, Natural Computing;

WORK EXPERIENCE

Summer Intern *Summer 2018*

EPFL (École Polytechnique Fédérale de Lausanne)

Advisor: Robert West

→ Devised a large crowdsourced experiment where workers iteratively summarized texts to study how messages get distorted in information cascades.

Research Intern *Two 8-weeks internships in 2016 and 2017*

Simula Research Laboratory

Advisor: Sagar Sen

→ Worked on data visualization and data mining techniques to assess cervical cancer risk. Developed a prototype for visualizing patients trajectories.

Data Scientist *2016 - 2017*

Sweetzspot

→ Sweetzspot is a start-up which develops sensors and solutions for sports. I developed models for calculating O2 intake and for stroke detection in the context of rowing.

Software Develop Intern *2014 - 2015*

Microsoft Research Center for Social Natural User Interfaces

→ Developed a Microsoft Kinect-based software for *Encounters*, an interactive art installation. Created an over-the-head skeleton tracker based on unsupervised learning techniques.

Research Assistant *2013 - 2017*

Universidade Federal de Minas Gerais

Advisor: Wagner Meira Jr

→ Worked on several topics including: understanding the community around *Twitch.tv*, improving probabilistic models for activity recognition, and, characterizing the association between content tagged as fake and political affiliation on Twitter.

SELECTED PUBLICATIONS

Message Distortion in Information Cascades 2019
→ The Web Conference (formerly WWW), ACM, 2019
Manoel Horta Ribeiro, Kristina Gligoric, Robert West

Characterizing and Detecting Hateful Users on Twitter 2018
→ International Conference on Web and Social Media (ICWSM), AAAI, 2018
Manoel Horta Ribeiro, Pedro H Calais, Yuri A. Santos, Virglio A. F. Almeida, Wagner Meira Jr

“Everything I Disagree With is #FakeNews”: Correlating Political Polarization and Spread of Misinformation 2018
→ Presented at the Data Science and Journalism Workshop held at ACM SIGKDD 2017.
Manoel Horta Ribeiro, Pedro H Calais, Virglio A. F. Almeida, Wagner Meira Jr

Complexity-Aware Assignment of Latent Values in Discriminative Models for Accurate Gesture Recognition 2016
→ Graphics, Patterns and Images (SIBGRAPI), IEEE, 2016.
Manoel Horta Ribeiro, Bruno Teixeira, Antônio Otávio, Wagner Meira, and Erickson Nascimento

Modeling and analyzing the video game live-streaming community 2014
→ Latin American Web Congress (LA-WEB), IEEE, 2014.
Gustavo Nascimento, Manoel Horta Ribeiro, Loc Cerf, Natlia Cesário, Mehdi Kaytoue, Chedy Rassi, Thiago Vasconcelos, Wagner Meira

AWARDS AND ACHIEVEMENTS

Google Latin America Research Award *October 2018*
Master thesis proposal received a one-year award structured as an unrestricted gift.

International Conference on Web and Social Media 2018 Student Grant *July 2018*
Awarded a scholarship to assist with travel expenses for ICWSM 2018.

Best Graduating Student Award — 1st Place *Winter 2017*
Prize awarded for the student that graduated with the highest GPA.

Travel Fellowship: Cornell, Maryland, Max Planck Pre-doctoral Research School *2017*
Was awarded a travel fellowship to attend a Pre-doctoral Research School in Saarbrucken, Germany.

Science without Borders Scholarship *2014-2015*
Granted a scholarship to study a year at the University of Melbourne by the Brazilian Government.

SERVICE AND TEACHING

Head TA: Algorithms and Data Structures III *2018*

Program Committee: Data Science, Journalism and Media Workshop (KDD 2018) *2018*

Program Committee: Third Workshop on Abusive Language Online (TBA) *2019*

Ad Hoc Reviewer: ACM Transactions in Social Computing *2018*