Curriculum Vitae   Manoel Horta Ribeiro

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EDUCATION

PhD in Computer Science .... *2019 - present*
Fellowship Program @ EPFL, working with Professor Robert West

MSc in Computer Science .... *2017 - 2019*
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*
Sweetzpot
→ 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

Auditing Radicalization Pathways on YouTube 2019
→ FAT*, ACM, 2020
Manoel Horta Ribeiro, Raphael Ottoni, Robert West, Virglio A. F. Almeida, Wagner Meira Jr

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
→ Data Science & 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

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)

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

Ad Hoc Reviewer: ACM Transactions in Social Computing