António Câmara

a.camara@columbia.edu · columbia.edu/~ac4443/

Substantive: news and social media, political communication and behavior, social choice theory
Methodological: computational social science, natural language processing, formal political theory

Education

Columbia University, *School of Engineering and Applied Science*, New York, New York — May 2022 (exp.)
– *B.S.* in Computer Science, Minor in Political Science — GPA: 3.93
– *Advisor:* Professor Kathleen McKeown
– *Thesis:* Hierarchical Embedding Topic Modeling for Stance Detection
– *Selected Coursework:* Natural Language Processing, Political Economy, Machine Learning, Neural Networks, Research Topics in Game Theory, Game Th. & Political Th., Probability, Statistics, Networks & Crowds, Human-Centered Design, Adv. Programming, Databases, Multiv. Calculus, Linear Algebra, Discrete Math.

Grants and Honors

– *William Yandell Elliott Fellowship*, Harvard University — 2022
– *Centennial Fellowship*, Princeton University — 2022
– *NSF REU Grant*, University of Southern California, Information Sciences Institute — 2020
– *Professor Peter K. Allen Scholarship*, Columbia University — 2018 - 2022
– *Dean's List*, Columbia University — 2018 - 2022
– *National Merit Scholar* — 2018

Publications

– **António Câmara**, Nina Taneja, Tamjeed Azad, Emily Allaway, Richard Zemel. *Mapping the Multilingual Margins: Intersectional Biases of Sentiment Analysis Systems in English, Spanish, and Arabic.* Accepted at Second Workshop on Language Technology for Equality, Diversity, Inclusion (LT-EDI), 2022.
– Zihao He, Negar Mokhberian, **António Câmara**, Andrés Abeliuk, Kristina Lerman. *Detecting Polarized Topics Using Partisanship-aware Contextualized Topic Embeddings.* Findings of the Conference on Empirical Methods in Natural Language Processing (EMNLP), 2021.

Academic Experience

Columbia University, New York, New York — January 2020 - Present
– Research Assistant for Professor Kathleen McKeown, Department of Computer Science.
– Research Assistant for Professor Carlo Prato, Department of Political Science.
– Research Assistant for Professor Brian Smith, Department of Computer Science.

University of Southern California, Los Angeles, California — May 2020 - Present
– Research Intern with Dr. Andrés Abeliuk, Professor Kristina Lerman, Information Sciences Institute.

Teaching Experience

Columbia University, New York, New York — Jan 2021 - Present
– COMS 4705: Natural Language Processing. Head Teaching Assistant. Spring 2022.
– COMS 4705: Natural Language Processing. Teaching Assistant. Spring 2021, Summer 2021, Fall 2021.

Professional Experience

The New York Times, New York, New York — Jun 2021 - Aug 2021
– Natural Language Processing Intern, Research and Development Department.

Skills

Programming Languages: Python, R, SQL, C, C++, Java, C#, Matlab, Mathematica, HTML/CSS
Libraries: NumPy, pandas, MatPlotLib, PyTorch, Tensorflow/Keras, SKLearn, NLTK, Gensim, SciPy
Tools/Software: Git, Jupyter, Unity, Cloud Computing, ElasticStack, BigQuery, Web Scraping

Personal

Languages: English (native), Portuguese (native)
Citizenship: United States, United Kingdom, Portugal