GustavoPenha

guzpenha10@gmail.com

about

27 years
Delft, NL

links

webpage
twitter
github
google scholar

programming

Python, C++,
Spark, R

languages

portuguese
english

soft skills

time management
communication
learn and adapt

research

I am a researcher in the field of computer science interested in the fields of IR, NLP, RecSys and ML. My focus is on ranking models for conversational search & recommendation. I like to do research driven by curiosity, and one of my strengths is time management.

selected publications

2022	**Evaluating the Robustness of Retrieval Pipelines with Query Variation Generators** ECIR *Gustavo Penha, Arthur Câmara, Claudia Hauff*
2021	**On the Calibration and Uncertainty of Neural Learning to Rank Models for Conversational Search** EACL *Gustavo Penha, Claudia Hauff*
2020	**Exploiting Performance Estimates for Augmenting Recommendation Ensembles** RecSys *Gustavo Penha, Rodrygo Santos*
2020	**What does BERT know about books, movies and music? Probing BERT for Conversational Recommendation** RecSys *Gustavo Penha, Claudia Hauff*
2020	**Curriculum Learning Strategies for IR: An Empirical Study on Conversation Response Ranking** ECIR *Gustavo Penha, Claudia Hauff*

experience

2021-5–8	**Applied Research Intern** Amazon - US *Voice search explanations for Alexa, resulted in 2 paper submissions.*
2015–2018	**Data Scientist** Hekima - Brazil *Machine learning and data science projects. Lead 1M R$ ML project.*
2014–2015	**Undergraduate Researcher** UFMG - Brazil *Research on scientific collaboration networks. Coauthor in 2 papers.*

education

| 2019–now | **Ph.D.** TU Delft - Netherlands
Computer Science |
| 2012–2018 | **B.Sc. and M.Sc.** UFMG - Brazil
Computer Science |