

GustavoPenha

guzpenha10@gmail.com

about

28 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 fields of Information Retrieval, Recommender Systems, Machine Learning and Natural Language Processing. My PhD is focused on ranking models for conversational search & recommendation.

selected publications

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|------|---|------------------------|
| 2022 | Pairwise Review-Based Explanations for Voice Product Search
<i>Gustavo Penha, Eyal Krikon, Vanessa Murdock</i> | CHIIR |
| 2022 | Evaluating the Robustness of Retrieval Pipelines with Query Variation Generators
<i>Gustavo Penha, Arthur Câmara, Claudia Hauff</i> | Best paper award @ECIR |
| 2021 | On the Calibration and Uncertainty of Neural Learning to Rank Models for Conversational Search
<i>Gustavo Penha, Claudia Hauff</i> | EACL |
| 2020 | What does BERT know about books, movies and music? Probing BERT for Conversational Recommendation
<i>Gustavo Penha, Claudia Hauff</i> | RecSys |
| 2020 | Curriculum Learning Strategies for IR: An Empirical Study on Conversation Response Ranking
<i>Gustavo Penha, Claudia Hauff</i> | ECIR |

experience

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|-----------|--|-----------------|
| 2022-6-8 | Research Intern
<i>Research on synthetic query generation for improving retrievability of entities.</i> | Spotify - NL |
| 2021-5-8 | Applied Research Intern
<i>Research on explanations for Alexa, published 2 papers (CHI'22 & CHIIR'22).</i> | Amazon - US |
| 2015-2018 | Data Scientist
<i>Machine learning and data science projects. Tech lead of 1M+ R\$ project.</i> | Hekima - Brazil |
| 2014-2015 | Undergraduate Researcher
<i>Research on scientific collaboration networks. Coauthor in 2 papers.</i> | UFMG - Brazil |

education

- | | | |
|-----------|--|------------------------|
| 2019-now | Ph.D.
Computer Science. 10 papers, 100+ citations and 150+ github stars. | TU Delft - Netherlands |
| 2012-2018 | B.Sc. and M.Sc.
Computer Science. MSc work won best paper RU award at RecSys'20. | UFMG - Brazil |