

GustavoPenha

guzpenha10@gmail.com

about

29 years
Delft, NL

links

webpage
twitter
github
google scholar
linkedin

languages

portuguese
english

research

I am a research scientist at Spotify working with search and recommendation. My interests in information retrieval are representation learning, explainability & model understanding.

experience

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|------------|--|-----------------|
| 2023-1–now | Research Scientist
<i>Research on search and recommendation problems.</i> | Spotify - NL |
| 2022-6–8 | Research Intern
<i>Research on query gen. for improving the retrievability of entities (CIKM'23).</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 |

selected publications

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|------|---|------------------------|
| 2023 | Improving Content Retrievability in Search with Controllable Query Generation
<i>Gustavo Penha, Enrico P, Maryam A, Alice W, Hugues B</i> | CIKM |
| 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 L2R Models for Conv. 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
<i>Gustavo Penha, Claudia Hauff</i> | ECIR |

education

- | | | |
|-----------|---|---------------|
| 2018–2022 | Ph.D.
Computer Science. 10 papers, 100+ citations and 150+ github stars. | TU Delft - NL |
| 2012–2018 | B.Sc. and M.Sc.
Computer Science. MSc paper won best paper RU award at RecSys'20. | UFMG - Brazil |