

## Coordonnées

samikhenissi@gmail.com

www.linkedin.com/in/samikhenissi  
(LinkedIn)

www.samikhenissi.com/ (Personal)

## Principales compétences

Machine Learning

Python

Recommender Systems

## Languages

Français

English (Native or Bilingual)

Arabe

## Honors-Awards

University of Louisville Doctoral  
Fellowship

Highest cumulative scholastic  
standing in the departmental Master  
of Science program

Graduate Dean's Citation

1st Place at 2019 Speed Research  
Exposition - Master Category

Tunisian excellence scholarship

## Publications

Theoretical Modeling of the  
Iterative Properties of User  
Discovery in a Collaborative Filtering  
Recommender System

Debiased Explainable Pairwise  
Ranking from Implicit Feedback

Debiasing the human-recommender  
system feedback loop in  
collaborative filtering

# Sami Khenissi

Staff Research scientist @Meta | PhD in Computer Science  
Région de la baie de San Francisco

## Résumé

Research scientist with the VideoML org working on building  
scalable recommender systems serving Billions of people every day.

## Expérience

Meta

Staff Research Scientist

2022 - Present (3 ans)

Menlo Park, California, United States

2025–Present: Working on large language models (LLMs) at Meta, advancing  
AI systems that are powering our internal coding tools.

2022–2025: Tech Lead for Facebook Video Recommendations, focused on  
large-scale ranking and late-stage personalization models.

University of Louisville

Research Assistant

avril 2017 - juin 2022 (5 ans 3 mois)

Région de Louisville, Kentucky, États-Unis

- Theoretical modeling of the feedback loop in Recommender Systems (Paper  
Accepted in Recsys 2020)
- Studying interpretability for deep learning architecture in Recommender  
Systems
- Modeling and Counteracting Exposure Bias in Matrix Factorization (Received  
1st place award at 2019 Speed Research Exposition Master Category)
- Designing a new explainable Active Learning Strategy for Recommender  
Systems

Bloomberg LP

Research Internship

mai 2021 - août 2021 (4 mois)

New York, United States

Working with the AI-Recommendations team at Bloomberg.

Keywords: Query understanding, Query expansion, Information Retrieval, Solr, NLP, Ranking, Recommender Systems

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## Formation

University of Louisville

Doctor of Philosophy - PhD, Computer Science · (2019 - 2022)

University of Louisville

Master of Science - MS, Computer Science · (2018 - 2019)

Tunisia Polytechnic School

Applied Mathematics and Computer Science · (2014 - 2017)