

## Coordonnées

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(LinkedIn)  
[www.samikhenissi.com/](http://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)