



Ayoub EL Majjodi

PHD CANDIDATE

Bergen, Norway

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Education

University of Bergen PhD candidate: Recommender Systems and Digital Nudges	2021 - Present	Bergen, Norway
National Advanced School of Computer Science and System Analysis, ENSIAS Master of Research in Data Science and Big Data	2017 - 2019	Rabat, Morocco
IBN Zohr University, Faculty of Science, FSA Bachelor of Mathematics and Computer Science	2014 - 2017	Agadir, Morocco
Dakhla High School Ouled Berhil Baccalaureate in Mathematics	2013 - 2014	Taroudant, Morocco

Technical Skills

Programming C, Python, Java, R, SQL, Linux shell
Machine learning Machine learning Algorithms (scikit-learn)

Technologies Django, Git, Docker, Hadoop ecosystem
Tableau public, Tensorflow, opencv, Gephi, ʘʘʘ

Professional Experience

Teaching Assistant, "Research Topics in Recommender Systems" course.	2022-Present	University of Bergen, Norway
Teaching Assistant, "Data Management" course.	2022-2023	University of Bergen, Norway
Research Assistant with fixed term contract	2020-2021	Tampere University, Finland.
Data Analytic Internship 📄	2019-2020	Hash Analytics

Language

Amazigh: Native | Arabic: Fluent | English: Advanced | French: Intermediate | Norwegian: Beginner

Hobbies

Sports | Football, Tennis, Hiking, Climbing, Camping
Books | Self Development, Psychology, Nutrition, Novel
Other | Cooking, Photography

Publication

2023	Nabil El Ioini, Ayoub El Majjodi, David Hästbacka, Tomas Cerny, Davide Taibi Unikernels Motivations, Benefits and Issues: A Multivocal Literature Review. In 3rd Eclipse Security, AI, Architecture and Modelling Conference on Cloud to Edge Continuum (ESAAM 2023), October 17, 2023, Ludwigsburg, Germany
	Ayoub El Majjodi, Alain Starke, Mehdi Elahi, Christoph Trattner The Interplay between Food Knowledge, Nudges, and Preference Elicitation Methods Determines the Evaluation of a Recipe Recommender System. In IntRS '23: Joint Workshop on Interfaces and Human Decision Making for Recommender Systems, September 18, 2023, Singapore.
2022	Ayoub El Majjodi, Alain Starke, Christoph Trattner, Nudging Towards Health? Examining the Merits of Nutrition Labels and Personalization in a Recipe Recommender System. In UMAP '22: 30th ACM Conference on User Modeling, Adaptation and Personalization, Barcelona, Spain.

Alain Starke, Ayoub El Majjodi, Christoph Trattner, **Boosting Health? Examining the Role of Nutrition Labels and Preference Elicitation Methods in Food Recommendation.** In In-
tRS '22: Joint Workshop on Interfaces and Human Decision Making for Recommender Systems,
September 22, 2022, Seattle, US.

Giovanni Castiglia, Ayoub El Majjodi, Federica Calò, Yashar Deldjoo, Fedelucio Narducci, Alain
Starke, Christoph Trattner, **Nudging Towards Health in a Conversational Food Recom-
mender System Using Multi-Modal Interactions and Nutrition Labels.** In RecSys '22: 4th
Workshop of Knowledge-aware and Conversational Recommender Systems, Seattle, WA, USA.

2020 Ayoub El Majjodi, Alain Starke, Christoph Trattner, **Towards Generating Personalized Coun-
try Recommendation.** In UMAP '20: 28th ACM Conference on User Modeling, Adaptation and
Personalizationm, Genova, Italy.

Journal

2019 Ayoub El Majjodi, Abderzzak Boumahdi, Mustapha Chakli, Mahmoud EL Hamlaoui **Big Data
Project Management.** DOI: 10.13140/RG.2.2.18399.18089

Ayoub El Majjodi, Abderzzak Boumahdi, Mustapha Chakli, Mahmoud EL Hamlaoui
NoSQL Model Quality Assessment Document-oriented databases, CouchDB.
DOI:10.13140/RG.2.2.31820.95369