

Yassin Ben Allal



ABOUT ME

I am a curious and hardworking IT professional with a background in Artificial Intelligence. I easily step outside my comfort zone, both at work and beyond. I believe it's important to have the space at work to continue developing myself.

In my free time, I regularly go bouldering and enjoy trying new things, such as taking a dance course. Additionally, I love to travel; after my studies, I embarked on an extensive solo journey abroad.

CONTACT

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https://yasbenall.github.io/

PERSONAL INFORMATION

Nationality: **Dutch**

Languages: **Dutch** (Native),
English (C2), **French** (B2),
German (B1)

SKILLS

Programming	Python, R, JavaScript
ML	PyTorch
Back-end	SQL, GraphQL
Front-end	React, Next.js
DevOps	Linux, Git, Azure

EXPERIENCE

TEACHING ASSISTANT

Vrije Universiteit Amsterdam

Nov 2023–Feb 2024

◇ Organizing tutorial groups for the master's course *Multi-Agent Systems*

STUDENT RESEARCH ASSISTANT

University of Amsterdam

Aug 2021–Feb 2024

◇ Developed recommender system-based chatbots using Python for experimental research. Additionally, responsible for deploying these chatbots on Microsoft Azure and setting up the SQL database.

◇ Established and programmed (Python) social robotics research, translating theoretical concepts into practical, executable experiments.

DATA ENGINEER

Oxaigen

Jul 2022–Sep 2022

◇ As an intern data engineer, I was responsible for setting up data pipelines using the SQL workflow tool dbt to facilitate AI models used in healthcare.

TEACHING ASSISTANT

University of Amsterdam

Oct 2019–Apr 2021

◇ As a Teaching Assistant, I facilitated tutorial groups, providing support in understanding the material, using the statistical software SPSS, and programming in Python.

EDUCATION

MSc Artificial Intelligence

Vrije Universiteit Amsterdam

2021–2024

◇ During this program, I explored various paradigms in the field of Artificial Intelligence: Natural Language Processing, Computer Vision, Reinforcement Learning, and Social Robotics.

◇ Grade: 7.7.

BSc Information Science

University of Amsterdam

2018–2021

◇ Information Science is the study that focuses on translating ICT into its role within an organization. During this program, I completed a variety of business and programming courses, often collaborating on projects in teams.

◇ Grade: 7.7.

PUBLICATIONS

[Re] Fairness Guarantees under Demographic Shift

Jul 2023

◇ In this research paper, we examine the fairness algorithm Shifty. Shifty guarantees that a model adheres to the fairness constraint in the case of demographic shifts in the deployment distribution.

◇ The paper was presented at the NeurIPS conference in 2023.

AWARDS

Kaggle Award for the Machine Learning Reproducibility Challenge

Jul 2023

◇ As part of the Machine Learning Reproducibility Challenge 2022, the above research paper was awarded by Kaggle with a prize of \$10,000 in credit for the Google Cloud Platform.