CHRISTOPHER BUCH MADSEN

DATA SCIENTIST

CONTACT

✉ stopherbm@gmail.com

📞 (+31) 06 3835 13 24

in LinkedIn

○ Github

www Portfolio Website

LANGUAGES

English (Fluent), Danish (Fluent), Dutch (Beginner)

PROFILE

Originally from Denmark, I have been living in Alkmaar since 2015. My background is in Artificial Intelligence and my professional passion is using Data Visualization, Machine Learning and Explainable AI methods to shape creative and original data solutions. Outside of work, I love eating and cooking new food, travelling the globe and playing boardgames. Recently I've started dabbling in game development, and making my own sourdough.
I'll never decline a cup of coffee ☕ or a sweaty race of Mario Kart .

EDUCATION

Bachelor of Science
Artificial Intelligence (KI)
University of Amsterdam
Sep 2016 - Jan 2021
Thesis Grade: **8.5**
Thesis: Iconography Recognition
Minor: Computational Science

SKILLS

Tools
Python:
Numpy | Pandas | Scikit-learn
FastAPI | LightGBM | XGBoost
PyTorch | SHAP | Transformers
SQL: PostgreSQL | DuckDB
Git: Github | Gitlab | CLI

Theory
Machine Learning
Computer Vision
Imbalanced Classification
Conformal Prediction
Data Structures & Algorithms
Mathematic & Formal Logics

EXPERIENCE

DATA SCIENTIST (PART TIME)
Churned | December 2023 - Present
- Generating Customer Success Manager check-in emails for churn risk triggers, using Large Language Models.

DATA SCIENTIST
Machine Learning Programs | April 2021 - March 2023
General Roles
- Develop end-to-end machine learning applications, from raw data, to modeling, to model API and deployment.
- Mentor junior interns from the AUC.

Projects & Products
- Imbalanced classification of water damage claims.
- Market segmentation with emphasis on segment explainability.
- Developed models for the MLP Score, moving MLPrograms towards becoming a product company.
- Tooling for generating ML model APIs with FastAPI.
- Research in adopting column-oriented databases.

DATA SCIENTIST
Vacanceselect | August 2018 - January 2020
- Refined ML pipeline for managing advertisement costs with web traffic/booking forecasting.
- R&D in unsupervised learning & recommender systems.