



Emil Jakobsen

DATA SCIENCE & MACHINE LEARNING · PYTHON · ENTERPRISE DELIVERY

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Seeking part-time work · Hours and start date by agreement · BSc expected June 2028

// PROFILE

Enterprise delivery professional with more than eleven years of experience translating complex processes and stakeholder needs into implemented systems. Currently studying Machine Learning and Data Science at the University of Copenhagen and developing hands-on capability through Python programming, data tools and applied-AI projects. Seeking hands-on part-time work in data science, machine learning or applied-AI development, combining analysis, model evaluation and software implementation.

// SELECTED PROJECTS & MY CONTRIBUTION

Dividend dashboard

Original programming, followed by Claude-assisted development

- › Programmed the original Python dashboard; used Claude to expand robustness, portfolio backtesting and benchmark comparisons.
- › Challenged favourable results by examining costs and benchmark assumptions. Built a research tool with explicit limitations.

Nordic Trails

Live hiking platform · Product direction · Claude Code build

- › Led functionality, design, bug identification and implementation decisions for nordictrails.dk. Claude Code generated the code; I focused on product behaviour and iteration.

Archat

Small MVP · Danish building specifications

- › Local document search, chat and experimental Word-template drafting using Qwen3.5 4B, targeting Jetson Orin Nano. Retrieval and output quality remain evaluation priorities.

JA Tracker

Internal planning tool · Project manager, customer and product owner

- › Defined and reviewed a workflow for work, study, projects and time tracking. Claude built the application; I directed requirements and product iterations.

FP-1: Electricity production

Forecasting study · Work in progress

- › Exploring Danish regional production data. Next steps: simple forecasting baselines and chronological evaluation; predictive performance is not yet established.

// RELEVANT CAPABILITIES

Programming & study: Python, SQL, F# and R through original projects and university work; ongoing machine-learning and data-science study.

Product & delivery: Requirements, process design, stakeholder coordination, user-facing review, bug identification and AI-assisted development.

Learning priorities: Mathematics, probability, statistics, algorithms and predictive modelling alongside programming. These describe current development goals, not completed coursework.

// PROFESSIONAL EXPERIENCE

TÜV SÜD

Jan 2025–Present

Senior Global Programme & Project Manager — HCM Implementation

- Lead the functional implementation for 28,000 employees across SuccessFactors modules, coordinating global process design, harmonization and stakeholder alignment.
- Working part-time, 20 hours per week, since September 2025 alongside the degree. Any new role requires agreement on hours and transition timing.

DUOS

Mar–Jul 2026

Programming Tutor

- Tutored a University of Copenhagen student in programming, supporting a successful re-examination.

TÜV SÜD

Nov 2023–Dec 2024

Regional HCM Implementation Lead / Consultant

- Regional HCM implementation responsibility for Western Europe (Nov–Dec 2024), following digital learning implementation work for Germany (Nov 2023–Nov 2024).

ZEISS

Jun 2020–Dec 2022

Senior Manager, HCM Implementation

- Designed and implemented a global performance-management approach in Workday. Prepared executive-board reporting and annual performance dialogues for the top 250 managers.

Siemens AG

Jul 2016–May 2020

Programme Manager / Project Manager, Board Member Office

- Managed global programmes, executive stakeholder work and process improvement; collaborated across more than 34 cultures.

Siemens Denmark / Nordics

Nov 2013–Jun 2016

Talent Management Specialist / People Development Consultant

- Built an organizational-development KPI dashboard using data from 15,000 employees. Developed a continuous-development approach for more than 1,000 managers.

// EDUCATION

University of Copenhagen

2025–2028

BSc Machine Learning and Data Science · In progress, expected June 2028

IESE Business School

2020–2023

Executive MBA

Copenhagen Business School

2011–2013

MSc Business Administration

Roskilde University

2008–2011

BA Business Administration

// LANGUAGES & ADDITIONAL CONTEXT

Languages: Danish: native · English: professional · German: fluent · Swedish/Norwegian: basic.

Training: Siemens project-management training (4 weeks, 2014); Young Professionals Program (2015); Change Management & Influencing (2017).

Interests: Multi-day hiking, personal investment research, reading and year-round swimming.