Dorota Dahlborg MSc, PhD
Developer AI/Machine Learning

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GitHub

LinkedIn

Timeline / Career (infographic)

- **MSc Chemical eng**
  - Biomaterials science
- **PhD materials science**
  - Surface analytical techniques
  - Stem cell culture
- **Development engineer MedTech**
  - Material development
  - Innovation processes
- **Project manager MedTech**
  - University/Industry EU collaboration team management
- **Project manager cutting tools**
  - International team management
- **Developer AI and ML**
  - Python
  - Data analysis
  - Data engineering
  - Statistics/Linear algebra
  - Machine Learning/Deep ML
  - SQL
  - Git
  - Agile methodology
- **Developer - AI**
- **Technical application specialist**
  - Surface analytical techniques
  - Technical sales-, distributor- and customer support; internationally
- **Project manager MedTech**
  - Crossfunctional product development process
  - Electronic medical devices
  - Regulatory affairs
  - Agile methodology
- **Internship**
  - Object detection
  - NLP
  - LLMs/RAG
  - unsupervised text classification *(BERT, HDBSCAN, zero-shot, active learing)*

Years: 1997 · 2002 · 2007 · 2008 · 2014 · 2022 · IT-University · 2024

Organizations: Uppsala Universitet · Chalmers · Biolin Scientific · Sandvik · Wellspect Healthcare · Paliscope · Semcon

I am an experienced project manager with a background in product development within medical technology and cutting tools. My main focus has always been to create an environment, which enables my team members to perform at their best. I am good at creating clear structures, motivating others and communication. I am result- and solution oriented and put my efforts where I can create most value. I am also curious and always interested in expanding my knowledge, which has led me to study AI and machine learning. I am very excited about this new step and eager to transition my career into the tech industry, where I want to make a real difference.

Main achievements

Wellspect
- Managed towards successful launch of first Navina products - highest priority cross-functional product development project targeting a new area
- Managed Navina as technical product manager
- Involved in innovation and defining agile way of working at the site
- Internal auditor

Sandvik
- Started up the two major international tool development projects at site
- Implemented gated project model at site
- Selected to develop Sandvik's innovation process with responsibility for ideation
- Successfully created a focused team as program manager within an EU competence center
- Successfully tutored MSc students resulting in publications and patent applications.

Biolin Scientific
- Supported distributors with technical knowledge towards successful sales
- Successfully supported users with data analysis towards new applications

Chalmers
- Finalized PhD thesis on schedule with good results
- Successfully tutored MSc students

Skills

AI · Machine learning · Deep ML · PyTorch · Keras · LLM · Scikit-learn · Python · Data analysis · Statistics · NLP · Data engineering · Docker · Medical technology/Lifescience · RAG · Project management · Agile · CI/CD · GitHub · Airflow pipelines · ELT · Product development · Building teams · Swedish · English · Polish · SQL