

Marcus Elwin

Data Scientist that build end-to-end data products used by the business.

Linked in /in/marcuselwin

+46 735 50 96 36

dswithmac.com

marcus@elwin.com

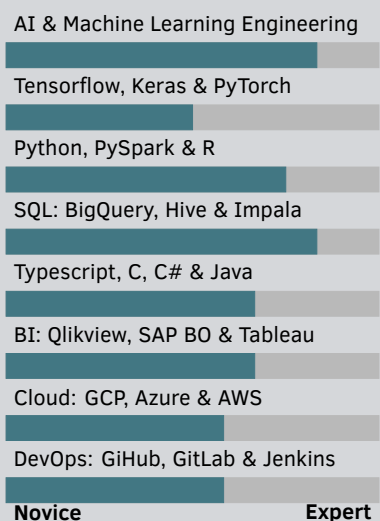
About me

Data Scientist & Product Manager with broad experience from the *Retail* and *FinTech* industries, that likes to work with both people and tech. My strengths are within *MLOps*, *data products* and *NLP*. I also enjoy *coaching* and driving projects *E2E* with my colleagues.

Social Skills



Technical Skills



Work Experience

Last updated: January 22, 2025

Nov 2023 - **Lead AI Engineer** **Pocket Solutions AB**
Pioneered AI and data initiatives as the first AI & data professional at PocketLaw. Designed and implemented scalable data pipelines, developed and evaluated LLM systems, and established data-driven workflows. Owned and executed the AI strategy, while managing and mentoring a growing AI team (1 FTE).

Jan 2023 - **Product Manager** **Tink AB**
Nov 2023
I was responsible for the *Income-Check* product used for *income verification* in *real-time* built using *machine learning* and *open banking data (PSD2)*. As part of my responsibilities I owned the product & feature road-map and strategy for the product where some initiatives that I lead where: *extended income taxonomy* from **5** categories to **21**, incorporating *additional datapoints* to improve our classification and adding additional *account metadata* to product for improved UX.

My role also entailed a lot of customer meetings such as product deep-dives and use case mapping across Europe. I was also part of scoping and doing product discovery work for future products within the credit / risk space. During my time as PM the Income Check product saw a MoM growth of between **20-30%**.

Apr 2021 - **Sr. Data Scientist** **Tink AB**
Building credit and risk products leveraging machine learning, deep learning and open banking data. For *income classification* as well as classifying *risky transactions* used as predictive features for credit risk modelling. I also developed credit scoring models using open banking data, and performed backtests with many clients.

I was also part of coaching and mentoring a team for labelling of transactions. I was also involved with our platform team in defining and scoping "*golden paths*" for ML deployment using Vertex AI. Main technologies used: *SageMaker (AWS)*, *BigQuery (GCP)*, *Python*, *AirFlow*, *GitHub*, *Buildkite* & *Kubernetes*.

Apr 2019 - **Data Scientist** **ICA Gruppen AB**
Apr 2021
Worked with use cases in all of ICA Gruppen ABs companies in *retail*, *banking*, *insurance* & *pharmacy*. I was also part of creating the teams *way-of-working*, *technical frameworks* as well as *recruiting* and *coaching* new colleagues (3FTEs to 8FTEs). I have been part of all phases of a typical use case from scoping a *minimum viable product*, *experimentation* & *modelling*, *AB-testing* and *productionizing* machine learning models. I also worked with improving our technical capabilities (*Cloudera*) together with our platform team.

Main technologies used: *Python*, *PySpark*, *AirFlow* and *SQL*. During my time at ICA I have had the opportunity to work with several different use cases such as: *Churn prediction*, *Channel optimization*, *Data-driven Category Strategy*, *Workforce Scheduling Optimization*, *Demand Forecasting* & *Assortment Optimization*.

Oct 2016 - **Economical & Statistical Research Analyst** **Nasdaq Stockholm AB**
Mar 2019
Research Analyst with quantitative analysis, data science, business intelligence, financial products and market microstructure. Using mainly *statistical methods* and *machine learning*. Main tools used were *SQL* and *R*. Some use cases that I worked with: *High Frequency Trading - Classification & Clustering*, *EXSIM - Reinforcement learning* exchange simulator and *Commodities slides deck automation* with *R*.

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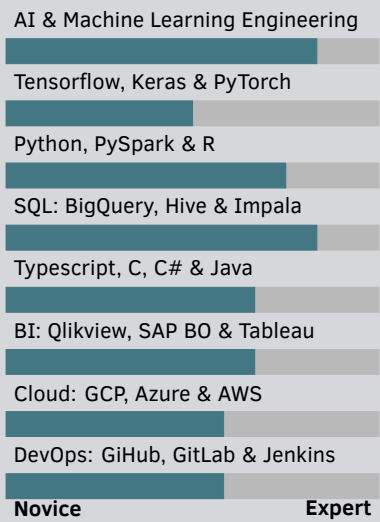
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Social Skills



Technical Skills



Education

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| | | |
|----------------------|---|--|
| Aug 2016 - June 2018 | MSc., Machine Learning | KTH - Royal Institute of Technology |
| | Courses in: Machine Learning, Statistics, Financial Maths, Data Science. Stockholm, Sweden | |
| Aug 2015 - Jan 2016 | Exchange Semester | INSA Lyon |
| | Courses in: Databases, Data mining, Networks, Operating Systems Lyon, France | |
| Jan 2015 - Jun 2017 | BSc., Business & Economics | Stockholm University |
| | Courses in: Finance, Accounting, Marketing, Management, Economics Stockholm, Sweden | |
| Aug 2013 - Jun 2016 | BEng., IT Engineering | KTH - Royal Institute of Technology |
| | Courses in: Programming, Maths, Hardware, Algorithms Stockholm, Sweden | |

Languages

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|------------------|------------------|-------------------------------|
| Swedish : | English : | French : |
| • Native Speaker | • Native Speaker | • Limited Working Proficiency |