

Daniel Strallhofer

Skeppargatan 46, 11458 Stockholm

WORK EXPERIENCE+46 70 422 86 89 | strallhofer.daniel@gmail.com**Klarna***Analyst***Stockholm, Sweden**

Sep 2021 –

- I work in the Fraud Domain as a Data Analyst. I'm responsible for developing, maintaining and monitoring Klarnas fraud policy for its biggest markets in Europe
- Main tasks include doing risk-based assessments on order level data using SQL & Python in the magnitude of millions of orders per day to identify potential weaknesses in our fraud policies or potential for conversion improvements by more accurately identifying good customers
- Accomplishments include designing, analyzing and building new types of variables and rules using geolocation data to accurately determine fraudulent behaviour. These variables were designed to target an especially complex fraud pattern and ended up saving Klarna +2M €
- Using Python I've built multiple tools for automation when validating new releases or extracting KPI data for monthly reports. This has eliminated ~25 hours of manual work per month
- My role requires me to be cross-functional, through daily interactions with Data Scientists, Engineers, Product Managers and Business Development
- Deployed 4 different ML models during my time
- I also took an interest in domain-wide onboarding, organizing knowledge-sharing sessions and walkthroughs of internal systems for new Analysts, Engineers and Data Scientists
- Tech stack consists of SQL (Amazon Redshift), Python (for policy development, analysis and automation), Airflow, AWS (Sagemaker, S3, Lambda functions), JavaScript, Git and Jenkins

SearchIntent*Data Scientist***Stockholm, Sweden**

Jan 2021 – July 2021

- Started up the Data Analysis branch at a small SEO/SEM-oriented firm
- Led multiple different projects on my own, mainly in the realm of data visualization and web analytics
- Initiated larger firm-wide changes to become more data-driven in everything from pricing to sales
- Worked with Google Analytics, Google Tag Manager, Google Cloud Platform (BigQuery), Google Data Studio, Python and SQL

Skatteverket*Master Thesis in Machine Learning***Stockholm, Sweden**

Jan 2020 – June 2020

- Collaborated with ADA (the Advanced Data Analytics team) at Skatteverket
- Evaluated advanced statistical models through the perspective of Fairness, Accountability, and Transparency

FirstVet*Bachelor Thesis in Machine Learning***Stockholm, Sweden**

Jan 2018 – June 2018

- Bachelor thesis: "Classifying Medical Urgency through Natural Language Processing"
- Worked on developing a machine learning algorithm to predict the level of medical urgency of a pet based on the description given by the users

EDUCATION▪ **KTH Royal Institute of Technology****Stockholm, Sweden**▪ *M.Sc. in Industrial Engineering and Management, majoring in Machine Learning*

2015 – 2020

▪ **KAIST - Korea Advanced Institute of Science and Technology****Daejeon, South Korea**▪ *M.Sc. in Machine Learning – Exchange semester*

Spring 2019

EXTRACURRICULAR ACTIVITIES**I-Case winner on a national level****Stockholm, Sweden***Winner of national case competition*

Spring 2017

1. After first being the sole winner of a case competition at KTH
2. Three teammates and I won the next case competition on a national level which included teams from some of the top Swedish universities
3. As a prize, my teammates and I got to meet a senior management consultant at Boston Consulting Group multiple times to discuss case-solving techniques as well as presentation techniques

SKILLS**PROGRAMMING SKILLS****INTERESTS****OTHER**

- Swedish (native)
- English (fluent)
- German (fluent)

- Python
- SQL
- AWS
- Git
- Jenkins
- GCP (BigQuery)
- JavaScript

- *Travelling*
- *Formula 1*
- *Skiing*
- *Padel*
- *Esports*

- German Proficiency Test Level 2 (B2/C1 level)
- Certified in *Global Competence* through KTH