

Relevant Work Experience

Data Scientist **Nordnet Bank, Stockholm Sweden** **Winter 2017-Fall 2018**

- Worked within a cross-disciplinary team using machine learning tools to improve customer experience. Built a recurrent neural network model and production environment to predict customer behavior. Lead to a 20% uplift for low-activity customers.
- **Technologies:** Jupyter Notebooks, Python, Kotlin, Apache Airflow.

Software Engineer **Glue, Stockholm Sweden** **Winter 2016-Winter 2017**

- Worked in a development team of 8 people developing mobile applications and backend services.
- **Technologies:** Java (Android), Swift and Objective C (iOS), JavaScript (React Native), C# (ASP.NET), Python.

Education

Stockholm, Sweden **KTH Royal Institute of Technology** **Fall 2016-Summer 2020**

- BSc in Computer Science and Engineering & MSc in Machine Learning
- **Favorite Coursework:** Regression Analysis, Machine Learning, Linear Algebra, Probability Theory and Statistics, Algorithms and Data Structures.
- GPA: 4.9/5
- Read at a faster pace, finishing 3 years of coursework in 2, while maintaining a top GPA.

San Luis Obispo **California Polytechnic State University** **Fall 2018 - Summer 2019**

- **Courses:** Artificial Intelligence, Advanced Topics in Data Science, Timeseries Analysis

Technical Experience

Projects

- **GLM Regression model for insurance risk (2018)** Built a GLM model in R for pricing insurances of tractors for the insurance company If as a part of my course in Regression Analysis. Learned how to tune model parameters and analyse grouping techniques. Performed in the top 10 out of a class of 200 Masters students.
- **Machine Learning Flappy Bird (2017)** Built a machine learning version of Flappy Bird in Python using NumPy, SciKit Learn and Keras. Used game to generate input/output then trained a vanilla neural network to play autonomously. Eventually beat my high score of 42, easily getting past 100.
- **Junction Hackathon Winner (2016)** Participated in Europe's biggest hackathon with over 2000 participating teams. Teamed up with 4 classmates from KTH and won the GE Energy challenge in the Intelligent Buildings track. Worked on the backend developing solutions to optimise electricity usage.

Languages and Technologies

- Git, Python, C++, Kotlin, Java, MATLAB, SQL, R, GoLang