

## Relevant Work Experience

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### Data Scientist

### Nordnet Bank

Winter 2017-Fall 2018

- Working with the following technologies: Jupyter Notebooks, Python, Kotlin. Working within cross-disciplinary teams 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.

### Software Engineer

### Glue

Winter 2016-Winter 2017

- Software engineer working with the following technologies: Java , C# (ASP.NET). Built and deployed backend services. Java (Android), Swift and Objective C (iOS), JavaScript (React Native). Developed mobile apps in React Native, iOS and Android native apps. Python for scripting.

## Education

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### Stockholm, SE

### KTH Royal Institute of Technology

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

### Stockholm, SE

### Kungsholmens Gymnasium

- Natural Sciences International Section (specialization in Mathematics)
- GPA: 3.9/4

## Technical Experience

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### 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 participant 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

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