

Education

San Luis Obispo, CA California Polytechnic State University September 2018 - June 2019

- **Major:** Computer Science **Minor:** Data Science
- **Favorite Coursework:** Advanced Topics in Data Science, Artificial Intelligence, Time series Analysis, Computational Intelligence

Stockholm, Sweden KTH Royal Institute of Technology August 2016-June 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

Relevant Work Experience

Data Scientist Nordnet Bank, Stockholm Sweden December 2017-August 2018

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

Software Engineer Glue, Stockholm Sweden December 2016-November 2017

- Worked in a development team of 8 people developing mobile applications and backend services.
- **Technologies:** Java, Swift, Objective C, JavaScript, C#, Python.

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, Haskell