



FILIP FORSGREN

M.Sc. in Industrial Engineering
Data Science & Risk Management

CONTACT



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PROGRAMMING

Level of Experience 1-5

Python ●●●●●

JavaScript ●●●○○

HTML/CSS ●●●○○

SQL ●●●●○

R ●●●●○

Matlab/SL ●●●●○

Minitab ●●●○○

Excel/VBA ●●●●○

IMPLEMENTATION OF PROGRAMMING

 Reference Application (Full Stack)

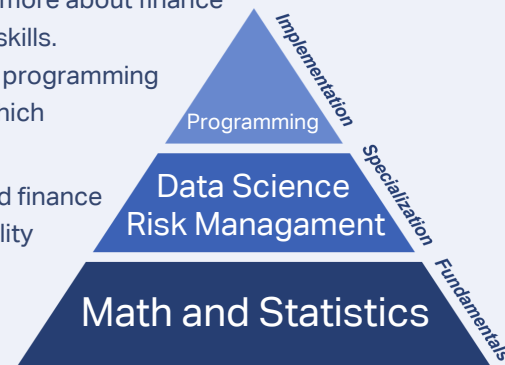
 Monte Carlo Simulations on Stocks (Python)

 Simulate NBA game (Python)

 Statistical analysis on SAT-scores (R)

ABOUT ME

In my early school years, I recognized I have an aptitude for math and problem solving. That led me to spend 5 years in Umeå, Sweden studying Industrial Engineering. It was a natural choice since I wanted to learn more about finance while further developing my problem-solving skills. During my years in Umeå I also learned to use programming as a powerful tool for solving indicate tasks which requires extensive amounts of data. Having a deep understanding for statistics and finance combined with programming gives me the ability to make data-driven analysis which ultimately substantiates efficient decision-making. This is what I want to work with in the future!



EDUCATION



M.Sc. Industrial Engineering

Umeå University
08/2017-06/2022

Courses in Data Science

Big Data
Artificial Intelligence
Multivariate Data Analysis
Advanced Statistical Modelling
Stochastic Processes & Simulation

Courses in Risk Management

Financial Mathematics
Financial Management
Enterprise Risk Management
Monte Carlo for Financial Applications
Finance and Management Accounting

LATEST JOB



Sales Engineer

Alimak AB, Skellefteå
06/2021-08/2021

My main assignment was to design products (elevators) together with customers and coworkers around the world that met the customers specific requirements. Also, I oversaw the quotations delivered to customers together with my superiors.

My main takeaway from this experience was being part of a company that conducts business on a global scale.

PROJECTS



Sustainability in Relation to stock Performance -
A Statistical Analysis on Sustainability Data



Data Compilation -
Alimak AB Reference Data



Optimization of Wind Power
Logistics at Skellefteå Kraft AB