FILIP FORSGREN

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

CONTACT

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PROGRAMMING

Level of Experience 1-5

Language	Level
Python	●●●●●◐
JavaScript	●●●●○○
HTML/CSS	●●●○○
SQL	●●●◐○
R	●●●◐○
Matlab/SL	●●●◐○
Minitab	●●●○○
Excel/VBA	●●●◐○

IMLPEMENTATION OF PROGRAMMING

- ▣ **Reference Application (Full Stack)**
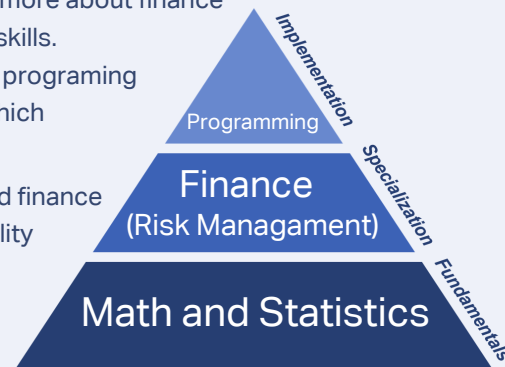- ▣ **Monte Carlo Simulations on Stocks (Python)**
- ▣ **Simulate NBA game (Python)**
- ▣ **Statistical analasys on SAT-scores (R)**

ABOUT ME

In my early school years, I recognized I have an aptitude for math and problem solving. That lead me to spend my last 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 programing 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 my future!

Implementation — Programming
Specialization — Finance (Risk Managament)
Fundamentals — Math and Statistics

EDUCATION

📚 M.Sc. Industrial Engineering
📍 Umeå Univeristy
📅 08/2017-06/2022

Courses in Data Science:
Big Data
Artificial Intellegence
Multivariate Data Analysis
Advanced Statistical Modelling
Stochastic Processes & Simulation

Courses in Risk Management:
Financial Mathematics
Financial Management
Enterprice 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 product (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 Satistical Analysis on Sustainability Data
- ▤ Data Compilation - Alimak AB Reference Data *(SV)
- ▤ Optimization of Wind Power Logistics at Skellefteå Kraft AB *(SV)