

Poul Rosenberg

Master of Science in Engineering

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Residence **2880 Bagsværd, DK**

Date of Birth **21. December 1995**

SUMMARY

I am specialized in operations analysis and operations management, with an interest for operations research, supply chain management, and really anything business relevant. What drives me is optimization, and the satisfaction of being able to see improvements, e.g. in KPIs or revenue etc. Previous experiences show that when an interest or a curiosity emerges in me, I will tirelessly work on said interest, for instance in understanding quantum mechanics. I have a high sense of detail, and can dig to find and evaluate the tiniest problems, while still seeing the bigger picture. I am a humorous and energetic, which contributes to my charismatic personality.

WORK

Management Consultant / 2021 - 2022

Staun & Stender - Hellerup, DK

Mainly work with data extract, transform, load (ETL) on SQL Server Integration Systems (SSIS) on databases set up with SQL Server Management Studio (SSMS). Furthermore, data analysis and data science was carried out on Next-Insight (company software) built on Mood software.

SQL SSIS SSMS Mood Data Science

Student Programmer / 2017 - 2019

Nine A/S - Copenhagen, DK

Company internal tasks helped me develop as a **software engineer**, mostly backend and devOps, e.g. within the Danish Business Authority (Erhvervsstyrelsen), where I as a student programmer assisted on integrating the Danish CVR database into a cloud solution, but also got introduced to frontend engineering.

Jenkins Azure Google Cloud AWS Git Docker

ELK Stack Node.js Angular Vue

SKILLS

Programming Languages: Python, C, Java, Julia, MATLAB, Bash, JavaScript

Human languages: Danish, English

Tools: Julia, JuMP, CPLEX, SQL, SSIS, Git, Azure, Google Cloud, Angular, Vue, Docker, Jenkins, PostgreSQL, Tomcat, ELK Stack, \LaTeX , Microsoft Office

Algorithms: Dantzig-Wolfe Decomposition, Benders Decomposition, (various) metaheuristics, network optimization, forecasting, ...

Other: CI/CD, Web, Data science and ML, Cloud computing, LCA

EDUCATION

Industrial Engineering Management - 2021

Master, The Technical University of Denmark

Thesis OPTIMIZATION OF THE INVENTORY ROUTING PROBLEM FOR ECCO Sko A/S IN RUSSIA

An MSc programme that combines the field of engineering with planning, innovation, and management competencies, with a specialization in *Management and Analysis of Operations*: Utilization of Operations Management and Operations Research to focus on quantitative management and engineering methods to effectively **plan and control** production systems and networks from the strategic down to the operational level.

Operations Research Data Science Optimization
Operations Analysis Operations Management
Supply Chain Management Sustainability Economy
Mathematical Modelling Lean Planning
Scheduling

Eng. Physics and Nanotechnology - 2017

Bachelor, The Technical University of Denmark

Thesis QUANTUM INFORMATION TECHNOLOGY WITH QUANTUM DOTS IN NANOWIRES

Rigorous training in advanced mathematics in terms of modelling as well as application, which utilizes tools such as programming, data processing and simulation.

Advanced Engineering Mathematics Coding
Simulating Data Mining Machine Learning
Parallel Programming Project Management
Statistics Data Analysis Advanced physics



OTHER PROJECTS

- Part of the university sketch show, **PF Revyen** (2016-2020), both on stage with performing and writing acts and music, and back-stage organizing the show.
- Part of the university sketch show steering committee, **PF Humor**, **planning, scheduling and organizing** a show consisting of ~70 engineering students, **communicating** with other departments of PF (Polyteknisk Forening), **leading** day-to-day activities, and **economically responsible** with a budget around DKK 175.000.
- Composing and producing music at **RosenRecords**. Furthermore, developing podcasts and making Python scripts calculating distributions of royalties



CERTIFICATIONS

- ISO 21500 Project Management

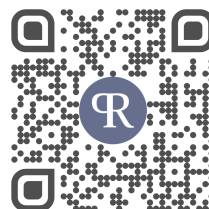


ACTIVITIES / INTERESTS

Proactive about learning and grinding. I have a big passion for music, which caused me to establish RosenRecords. Favorite physical activities would be football, which I have played for five years in my younger days, and I follow professional European football, where the team aspects seems to satisfy me the most, since I was not the most individually/technically skilled player. Furthermore, I have recently become interested in martial arts.



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