

Priidik Vilumaa

vilumaa@gmail.com | +372 558 7586 | priidik.com

SUMMARY I am an operations researcher, supply chain consultant and software developer interested in improving businesses through optimization methods. I am confident in programming, data analysis, mathematical optimization, and know quite a bit about supply chains. I have built optimization models for research, industry projects, competitions and [many practice problems](#) and dare to say I have become quite decent at it.

SKILLS

- Programming (Python, Java, SQL, JavaScript)
 - Methodologies (Mathematical Optimization, Heuristics, Simulation, Forecasting, Machine Learning)
 - Tools (Gurobi, Google OR Tools, AnyLogic, Git, CPLEX, Tableau)
 - Soft skills (Teamwork, Leadership, Agile Project Management)
 - Languages (English, German, Estonian)
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WORK HISTORY

Freelance Developer / VOPT Consulting / 6/2019 – Present

- Communication with clients to design a software that satisfies their needs
- Software development using modern programming practices
- Estimation of costs and timeline

Supply Chain Intern / Physical Internet Center @ Georgia Tech – Atlanta, USA / 3/2019 – 12/2019

- Development of optimization algorithms for shipment and vehicle routing
- Data analysis and processing for simulation models

Logistics Intern / Charry – Munich, Germany / 12/2016 – 02/2017

- Development of a software concept and a temporary system for items – orders binding
 - Identification and communication with suppliers and service providers
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PROJECTS

- Kaggle: [Hash Code Archive: Drone Delivery](#)
- Kaggle: [Santa's Workshop Tour 2019](#)
- Vehicle Routing Problem with Short Circuits / 2018
- An Extended Genetic Algorithm for the Multi Depot Vehicle Routing Problem / 2018
- Industry projects with:



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EDUCATION

Exchange Student in Industrial and Systems Engineering / Georgia Tech / 2018 – 2018

MSc in Supply Chain Management and Informatics / Technical University of Munich / 2017 –2020

BSc in Logistics cum laude / Tallinn University of Technology / 2014 –2017

EXTRACURRICULAR ACTIVITIES

- Estonian Defence Forces, Team Leader in Reconnaissance Company / 2013 – 2014
- Estonian Junior Rowing Team / 2012