

Priidik Vilumaa

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PROFESSIONAL SUMMARY I am an independent 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

SKILLS

- Programming (Python, Java, SQL, JavaScript)
 - Methodologies (Mathematical Optimization (MILP, CP), Metaheuristics, Simulation, Forecasting)
 - Tools (CPLEX, AnyLogic, Google OR Tools, JuMP, Git, Tableau, Gurobi, Github Projects)
 - Soft skills (Teamwork, Leadership, Agile Project Management)
 - Languages (English, German, Estonian)
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WORK HISTORY

Independent Developer / VOPT Consulting – Atlanta, USA / 6/2019 – Present

- Communicated with clients to design a software that satisfies their needs
- Developed the software using modern programming practices
- Estimated costs and timeline for projects

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

- Developed a software concept and a temporary system to bind picked up items with existing orders
- Identified and communicated with suppliers and service providers

Logistics Intern / Delux – Viljandi 6/2016 – 7/2016

- Used the ERP system to support the actions of the logistics team
 - Attended the management meetings to gain an overview of the business
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PROJECTS

- Vehicle Routing Problem with Short Circuits / 2018
- An Extended Genetic Algorithm for the Multi Depot Vehicle Routing Problem / 2018
- Industry projects with:



 **vwr**
part of avantor

 **Mercedes-Benz**



EDUCATION

Georgia Institute of Technology / 8/2018 – 12/2019

Exchange student and visiting researcher in Industrial and Systems Engineering

Technical University of Munich / 10/2017 – 2/2020

MSc in Supply Chain Management and Informatics:

- Recipient of DAAD Graduate Scholarship and ESFUSA Scholarship

Tallinn University of Technology / 9/2014 – 6/2017

BSc in Logistics cum laude

- Recipient of TUT Scholarship(5x) and Viljandi Scholarship (2x)
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EXTRACURRICULAR ACTIVITIES

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