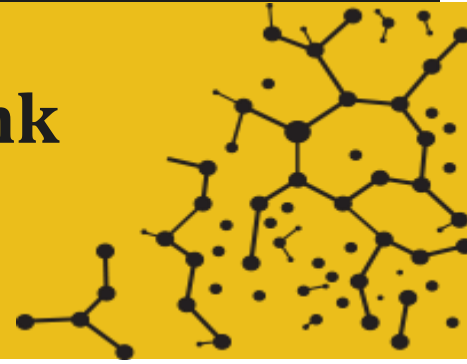




Peter Verleijdsdonk

Applied Mathematician



Eindhoven,
The Netherlands



p.verleijdsdonk@tue.nl

About

As a mathematical engineer, I develop models of reality based on data and physical interpretation to solve daily-life problems in logistics, maintenance and computer science. I am specialized in stochastic models and simulations used in network, queueing and decision-making problems and have deep interests in computer science, (machine learning) algorithms and other related areas as well.

Personal Achievements

Stratego

🏆 5x Dutch Champion (juniors)

🏆 1x World Champion (juniors)

🏆 World Class Maintenance
Master Thesis Award 2020

Languages

Java, MATLAB, Python

Dutch (++). English (+), German (+-)

Work Experience

Graduation project
2019-2020
NS

At NS, I worked on the development of advanced maintenance model as a student intern for my graduation project. In this project, we investigated how prognostics are affected in a model generalization of traditional condition-based maintenance models.

Cold Chain Distribution
2016-2018
Hello Fresh & PostNL

For HelloFresh (2016-2017), I worked as a driver in cold chain distribution in both Wallonia and Flanders where I learned to work in an international logistics operation. Afterwards, for PostNL (2017-2018) I worked as a driver in evening distribution, both cold chain and regular operations.

Car Fleet Logistics
2013-2016
Autoreset

As a hiker for Autoreset, my work consisted of executing car transport assignments and location specific activities for leasing, rental and garage companies. The work required high flexibility and independence.

Newspaper Delivery
2009-2014
Eindhovens Dagblad

Every day early in the morning, I delivered the newspapers to the households. Doing so for half a decade shows discipline, punctuality and responsibility since early age.

Eindhoven University of Technology



2020-current

PhD student in Mathematics & Computer Science department

- Topic of real-time data-driven maintenance logistics



2017-2020

Master Industrial & Applied Mathematics

- TA 'Advanced Simulations' (2018-2019)
- Internship Districs 'Stochastic Optimization'



2012-2017

Bachelor Applied Mathematics

- Treasurer Eindhoven Student Motorcycle Club 'ESMC' (2015-2016)
- Tutor Calculus, Linear Algebra

Personal Interests

