



ELENA STAMATELOU

DATA SCIENTIST



e.stamatelou@tue.nl



+31 627264296



's Hertogenbosch,
The Netherlands



[linkedin.com/in/
elenistamatelou/](https://www.linkedin.com/in/elenistamatelou/)



github.com/stamatelou

Profile

I am currently a PDEng Candidate in Data Science and broadly interested in the fields of Data Science and Machine Learning. My interests are focused on applying Data Science to solve difficult problems raised in the context of real – world applications.

Technical Skills

Modeling, Machine Learning,
Statistics, Data Visualization,
Image Processing

Programming/ Scripting

- Python, Matlab, R, SQL
- pandas, scikit – learn, plotly

Languages

Greek, English, Dutch

Work Experience

PDEng Candidate in Data Science

Eindhoven University of Technology, NL | Sep. 2019 – present

Developing data-driven solutions for projects for the industry:

- Efteling: Visualize crowdedness in the amusement park with a focus on Food & Beverage facilities.
- Hendrix Genetics: Investigate the regularity of chickens feeding behavior
- Hendrix Genetics: Facilitate chicken selection for breeding through chicken traits investigation and clustering.
- TE Connectivity: Designed a recommendation system
- Brabant Water: Anomaly detection in water usage.

Data Analyst

Philips Healthcare, NL | Jun. 2018 – Dec. 2018

- Developed a user-friendly interactive dashboard with interactive data visualizations of health – data
- Performed Exploratory Data Analysis to find insights from the data.

Software Engineer Intern

Philips Healthcare , NL | Oct. 2016 – Apr. 2017

- Conducted research on the topic of 3D surface reconstruction based on a plurality of optical images suggested by the Philips Image Guided department.
- Designed a vision-based 3D surface reconstruction algorithm based on image feature descriptors.

Education

PDEng Candidate in Data Science

Eindhoven University of Technology, NL | Sep. 2019 – present

Online Education | Feb. 2019 – present

- Coursera: Machine Learning at Stanford University
- DataCamp: Data Science Specialization
- Udemy: Tableau

BEng & MEng in Electrical & Computer Engineering,

joint degree with GPA 7.45/10

University of Patras, GR | Sep. 2011 – Sep. 2017

Exchange Master Student

Vrije Universiteit Brussel | Sep. 2015 – Jun. 2016

Master Thesis in Image Processing & Classification

- Designed an approach for image processing and classification of holographic images of human white blood cells for the on-chip cell sorter of IMEC.