

PAUL KLEINSCHMIDT



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Summary

Master student at Maastricht University in **Business Intelligence and Smart Services**. Acquired initial programming capabilities in the last two years through self-study. Thereby also realizing that Machine Learning is the field I want to focus my efforts on. I have intermediate skills in Python and R (Numpy, Pandas, TensorFlow, visualizations using ggplot2 or matplotlib) and also fundamental knowledge about data querying using SQL. For my master's thesis I will apply Deep Learning methods for educational data mining to predict student dropout/churn. Strong believer in life-long learning.

Education

Sep. 2017 –
Present

Master of Science in Business Intelligence and Smart Services

Maastricht University (Netherlands)

- **Master Thesis** on deploying Deep Learning for predicting student dropout at Open University (NL) (*in progress*)

Sep. 2014 –
Jul. 2017

Bachelor of Science in International Business

Maastricht University (Netherlands)

- Major in **Information Management**
 - Exchange semester at Monash University (Australia)
- Final GPA: **8.48** (Cum Laude) [Dutch Higher Education Grading Scheme]
- Beta Gamma Sigma Member

Jul. 2006 –
Jun. 2014

Abitur (A level)

Albertus-Magnus Gymnasium, Bergisch Gladbach (Germany)

Final GPA: **1.8** [German Secondary Education Grading Scheme]

Technical Skills

Microsoft Office (Advanced)

Python (Intermediate)

R (Intermediate)

Google AdWords (Search + Display Network campaigns)

Github (Intermediate)

Machine Learning (Tensorflow, Keras, scikit-learn)

SQL (Beginner)

Professional Development

6.00.1x: Introduction to Computer Science and Programming Using Python

edX, Inc. (MOOC platform)

- Acquired basic programming skills and computational thinking

Machine Learning Specialization

Coursera (MOOC platform)

- First dive into machine learning algorithms and concepts
- Implementation of algorithms using Python

Participation Google Online Marketing Challenge (2017)

Google

- Developed familiarity with Google AdWords and running a digital marketing campaign
- Gained Google AdWords Search Advertising certificate (2017)

Work experience and Internships

Jul. 2015 –

Account Management Intern

Aug. 2015

Saatchi & Saatchi, London (UK)

- Working in collaboration with client Deutsche Telekom AG on mobile game "Sea Hero Quest"
- Contributed through research work on existing game offerings and projects done by competitors

Sep. 2011 –

High School Internship

Oct. 2011

Olympiastützpunkt Rheinland, Cologne (Germany)

Languages

German (Native)

English (Fluent)
