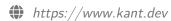
# Philipp Kant



GitHub in Link



Cologne, Germany





## Work Experience

04/2020 - 08/2020 Working Student, Deutsche Stadtmarketing GmbH, Krefeld.

- Migration of product databases to a new Product information management (PIM) system
- WordPress Web Development and linkage of an inventory management software to WooCommerce

03/2017 - 06/2017 **Computer Graphics Intern**, iPattern - Institute for Pattern Recognition, Krefeld.

- Software development as part of the "Krefeld 3D City Model"(C++)
- Texture generation using point clouds (Point Cloud Library, OpenCV)

08/2013 – 03/2014 **Software Developer**, *CITYGUIDE AG*, Krefeld.

- iOS App Development with Objective-C
- o Independent and team-oriented implementation of projects

05/2013 - 07/2013 **Software Development Intern**, CITYGUIDE AG, Krefeld.

Support and maintenance of the software products created in the company

#### Education

Since 10/2018 Master of Science, Computer Science, RWTH Aachen University, Aachen.

Focus: Data Science, Machine Learning

03/2018 - 09/2018 Master of Science, Computational Science, University of Potsdam, Potsdam.

09/2013 - 01/2018 Bachelor of Science, Computer Science, Hochschule Niederrhein, Krefeld.

Bachelor Thesis: "Statistical Analysis of Risk Factors for Wars"

08/2013 - 03/2014 Training as IT specialist, CITYGUIDE AG, Krefeld.

Discipline: Application Development

In connection with a dual course of study at Hochschule Niederrhein

09/2005 – 07/2013 **A Levels**, *Maria-Sibylla-Merian-Gymnasium*, Krefeld.

Major subjects: mathematics and physics

#### Skills

Languages German (Native), English (Fluent, C1), Spanish (Basic knowledge, A1)

Prog. languages Python, Javascript, SQL, C/C++

Web Development Node.js, Express, React, HTML, CSS, REST, Figma

Data Science Pandas, Matplotlib, NumPy, Jupyter, RapidMiner

Machine Learning PyTorch, Spark, Scikit-learn, NLTK

Other PostgreSQL, MongoDB, GNU/Linux, Git, Bash, Vim, LATEX, Gurobi, OpenCV

### Publications

 Steffen Goebbels, Regina Pohle-Fröhlich and Philipp Kant: A Linear Program for Matching Photogrammetric Point Clouds with CityGML Building Models. Proceedings Operations Research 2017, Springer, Berlin, 2018, S.129-134