

# Jonas Pfeiffer

## contact

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## languages

**german** mother tongue  
**english** fluent

## programming

♥ **Python**

Java, SQL, R, C

## frameworks

**TensorFlow, PyTorch,**  
NumPy, pandas,  
matplotlib, MongoDB,  
Spark, BigQuery,  
Tableau

## education

- 2019–now **PhD** in Computer Science (3 Months) UKP - TU Darmstadt  
Natural Language Processing  
Research Focus: Semi-Supervised Learning, Transfer Learning, Multi-Modal Learning, Interpretability of Black-Box Neural Architectures.
- 2015–2018 **Master** of Science (2.5 Years) University of Mannheim  
Business Informatics - Data and Web Science  
Master Thesis A Neural Network approach to Document Ranking and Query Refinement in Pharmacogenomics (Grade 1.3)  
Strong focus on Machine Learning with courses like Data Mining 1 & 2, Large Scale Data Management and Web Mining  
Grade 1.4
- 2017 **Master** of Science (5 Months Abroad) University of Massachusetts - Amherst  
Computer Science - Center for Data Science  
Courses COMPSCI 683 - Artificial Intelligence, COMPSCI 589 Machine Learning, COMPSCI 691R Seminar Introduction to Recommender Systems  
GPA 4.0
- 2012–2015 **Bachelor** of Science (2.5 Years) University of Augsburg  
Business Informatics - Operations & Information Management  
Bachelor Thesis Branch & Price in Airline Scheduling (Grade 1.7)  
Strong focus on Linear Programming  
Grade 1.9

## publications

- 2018 **A Neural Autoencoder Approach for Document Ranking and Query Refinement in Pharmacogenomic Information Retrieval** University of Mannheim  
**Jonas Pfeiffer**, Samuel Broscheit, Rainer Gemulla, Mathias Göschl  
ACL 2018 - BioNLP Workshop

## experience

2018	<b>Spotify</b> (6 Months) Data Scientist - Netlight RnD Data Scientist at PPX-Insights - Analytics and Machine Learning Tech Python, SQL, BigQuery, Tensorflow, Tableau	Stockholm, Sweden
2018	<b>Netlight</b> (6 Months) Data Scientist Machine Learning Consultant Data Scientist and Machine Learning Consultant focusing on NLP Tech Python, SQL, BigQuery, Tensorflow, Tableau	Munich, Germany
2017–2018	<b>Molecular Health GmbH</b> (1 Year) Masterand - Machine Learning Researcher Developing a model to refine queries of biomedical curators. Tech Python, Tensorflow	Heidelberg, Germany
2016	<b>KPMG AG</b> (3 Months) Advisory Data & Analytics - Internship <ul style="list-style-type: none"><li>• Reformulated SQL scripts into SAP - HANA</li><li>• Support managers in their work (Presentations, Spreadsheets, etc.)</li></ul> Tech SQL, SAP-HANA	Mannheim, Germany
2016	<b>Chair of Information Systems III</b> (6 Months) Research Assistant - NLP Prof. Ponzetto Project on Entity Recognition - Training samples creation Tech Java, Python	University of Mannheim
2015–2016	<b>Chair of Production Management</b> (7 Months) Research Assistant Prof. Stolletz Advancement of a program for calculating different queuing theory formulas Tech Java	University of Mannheim
2014–2015	<b>Chair of Production &amp; Supply Chain Management</b> (1 Year) Research Assistant Prof. Tuma Tech SAP-GUI	University of Augsburg
2012–2015	<b>munich enterprise software GmbH</b> (3 Years) Junior SAP Consultant Project Employee at BMW AG - ITZ Tech ABAP	Garching near Munich, Germany

## scholarships

2017	<b>Baden-Württemberg (Germany) Scholarship</b>	University of Mannheim
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## interests

**professional:** NLP, deep learning, machine learning, data science, python

**personal:** latin dancing, traveling