Julius **Gonsior**

RESEARCH ASSISTANT @ TU DRESDEN, DATABASE SYSTEMS GROUP

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Education

Technische Universität Dresden	*Dresden, Germany*
DIPLOMA COMPUTER SCIENCE	*Oct 2012 - Jul. 2019*

- Received Scholarship Deutschlandstipendium
- Devolopment of AI for the Angry Birds AI Competition using Reinforcment Learning
- Minor in Mathematics

Linköping University	*Linköping, Sweden*
ERASMUS EXCHANGE YEAR	*Aug 2015 - Jun 2016*

- Specialisation in Machine Learning and Data Mining

Skills

Experienced With	Machine Learning, Clustering, Data Mining, Neural Networks, Semantic Web, Software Testing
Programming Languages	Python, Java, Haskell, PHP, JavaScript, Prolog, Sparql, SQL, LaTeX
Frameworks	Keras, Tensorflow, scikit-learn, weka, Flask, Vue.js, AngularJS, HTML5, LESS, SASS, Selenium
Languages	German, English, Swedish

Experience

Database Systems Group @ TU Dresden	*Dresden, Germany*
DOCTORAL CANDIDATE	*Jul. 2019 - now*

- Research focus: combining Active Learning and Weak Supervision
- Teaching about Information Retrieval and scalable data platforms
- Supervising undergrad students
- Participated in the following Workshops:
    - "Rhetorik und Präsentieren - Ein Intensivtraining"
    - "Führungskompetenzen - Eine Einführung"
    - "Achtsamkeit im beruflichen Alltag"
    - "Ich höre was, was du nicht sagst - Urteilsfreies Zuhören"
    - "Gute Betreuung von Abschlussarbeiten in Ingenieurstudiengängen"

Avantgarde Labs GmbH	*Dresden, Germany*
STUDENT ASSISTANT	*Oct. 2018 - Jul. 2019*

- Cooperation for final diploma thesis about "Feature-based Classification of Time Series datasets with machine learning"

LogMeIn	*Dresden, Germany*
WORKING STUDENT	*Feb 2018 - Aug 2018*

- Cooperation for thesis "Großer Beleg" about "Analysis and Classification of Time Series for Quality Assurance"

Research Group Knowledge-Based Systems by Prof. Dr. Markus Krötzsch	*TU Dresden, Germany*
STUDENT RESEARCH ASSISTANT	*Oct 2016 - Jan 2018*

- Analysation of Wikidata SPARQL query logs, separation of robotic from organic traffic, and insights about used query features and structure
- Code can be found on github.com/Wikidata/QueryAnalysis

Moravio S.r.o.	*Ostrava, Czech Republic*
STUDENT TRAINEE	*Aug 2016 - Sep 2016*

- Linux Server Administration
- Development of multiple WordPress based E-Commerce systems

FSD Fahrzeugsystemdaten GmbH	*Dresden, Germany*
STUDENT TRAINEE	*Apr 2014 - Jul 2015*

- Development of multiple in-house web applications for big data analysis with Java and PHP
- Migration of huge MySQL databases to PostgreSQL
- First experience with basic data analysis

ITC AG *Dresden, Germany*

University Project in Cooperation with ITC AG *Oct 2013 - Jan 2014*

- Comparison of five different Java Web Frameworks, I have specialized myself in Spring, Hibernate and JQuery

Extracurricular Activity

ESN TU Dresden *Dresden, Germany*

President *Oct 2016 - now*

- ESN is a non-profit international student organisation where local students help international exchange students during their exchange semesters
- Part of local board for six mandates between 2017 and 2021, holding different roles including president
- Head of Organization for 4-day long national assembly of ESN Germany in Dresden 2019
- Twice Main Chair of National Assembly by ESN Germany in 2020
- By doing I learned a lot about leadership and management for a diverse group of people with different skill sets

Fachschaftsrat Informatik TU Dresden *Dresden, Germany*

Elected Student Representative *Oct 2014 - Sep 2015*

- Part of elected student council
- Organized couple of events
- Mainly responsible for PR

University Athletic Trainer *Dresden, Germany*

Orienteering *2018 - 2019*

- Since 2005 I practise Orienteering
- Attended several national championships as well as the German university championships
- in 2018 and 2019 I was an athletic trainer for the beginners course at TU Dresden

Faithful Noise *Dresden, Germany*

Bass Guitarist *Since 2008*

- Since 2009 I played in several bands the bass guitar
- Regular live concerts outside of Dresden

Extracurricular Activity