

ROBIN MARC SCHMIDT

Computer Science Master Student (Machine Learning)

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WORK & RESEARCH EXPERIENCE

Research on Deep Learning Optimizers

Prof. Dr. Philipp Hennig

October 2019 – December 2019 Horb, Germany

- Researched efficient state of the art Deep Learning Optimizers such as RAdam, AdamW or AMGSGrad and benchmarked them on different problem sets
- Used the python framework DeepOBS for the benchmarking process to contribute to the overall vision for DeepOBS as a standardized platform for benchmarking

Extreme Blue Internship

IBM: Research & Development

August 2019 – October 2019 Böblingen, Germany

- Researched possibilities for the master data management (MDM) software for Internet of Things (IoT) use cases with a full stack prototype in healthcare
- Developed instance level product master data representations through a RESTful JSON API written in Python
- Developed a graph-based visualisation based on React.js
- Worked closely with offering management in the USA to deploy the obtained results
- Presented the results at a conference in Cluj-Napoca, Romania

Bachelor thesis

ENisco GmbH & Co. KG

June 2018 – September 2018 Böblingen, Germany

- Topic: "Conception and implementation of a single product tracking in a press-hardening production line" (German grade: **1.4**, approximately equivalent to an "A" grade)

Research on New SQL Databases

Prof. Dr.-Ing. Olaf Herden

October 2017 – June 2018 Horb, Germany

- Title: "Open Source New SQL databases for modern application scenarios" (German grade: **1.5**, approximately equivalent to an "A" grade)
- Used the Business Readiness Rating which favored VoltDB as best Open Source New SQL database

Cooperative Studies: Computer Science

Eisenmann SE: Research & Development

October 2015 – October 2018 Böblingen, Germany

- Frequent and extended industry research and development projects on different topics in the field of manufacturing (approximately equivalent to 5 internships with a duration of 3-4 months)
- Topics include: *key performance indicators, improvement of the data analysis and single product tracking*

EDUCATION

M. Sc. Computer Science (120 ECTS)

Eberhard-Karls-Universität Tübingen

October 2018 – March 2021

B. Sc. Computer Science (210 ECTS)

DHBW Stuttgart Campus Horb

October 2015 – October 2018

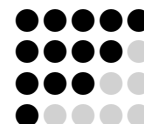
- German final grade: **2.0** (corresponds approximately to a **high 2:1** in the UK system)

PROGRAMMING

Python Java HTML5 CSS3
JavaScript Object Pascal R C#
Prolog C++

LANGUAGES

German
English
Latin
Japanese



INTERESTING PROJECTS

SiteScrawler



Java Web-Development Project

B. Sc. 4th Semester Horb, Germany

A webapp where users can create topics of interests and the service crawls supported news websites in a customizable time interval and provides the user with relevant articles according to these topics either per mail or online.

App2Night



Android Development Project

B. Sc. 5th Semester Horb, Germany

A mobile app where users can create, attend and rate user generated events around their current location. The purpose is to help users find the best ongoing event based on votes and comments from other users.