Robin M. Schmidt

📞 🗨 +49 (176) 23348219
✉ robin.schmidt.97@web.de
in linkedin.com/in/schmidt-robin
⌂ github.com/SirRob1997
🌐 robinschmidt.netlify.com
📍 Grafenau, BW, Germany

EXPERIENCE

- **Max Planck Institute for Intelligent Systems & University of Tübingen** Oct 2019 – Present
  Research Internship with Prof. Dr. Philipp Hennig and Frank Schneider `[Python, Shell, LaTeX]`
  - ○ Benchmarked & Compared state-of-the-art Deep Learning Optimizers using the framework DeepOBS
  - ○ Enabled DeepOBS as competitive benchmarking suite by creating new optimization baselines
  - ○ Advanced development of DeepOBS and provided scripts for bulk comparisons

- **IBM Germany Research & Development** Aug 2019 – Oct 2019
  Extreme Blue Internship `[Python, Flask, REST, Gremlin]`
  - ○ Researched possibilities for Master Data Management (MDM) with Internet of Things (IoT) use cases
  - ○ Developed instance level product master data representations through a RESTful JSON API written in Python
  - ○ Developed a graph-based visualisation based on React.js for a prototype in the healthcare sector
  - ○ Worked closely with offering management in the USA to deploy the obtained results
  - ○ Presented the results at a conference in Cluj-Napoca, Romania

- **ENisco GmbH & Co. KG** Jun 2018 – Sep 2018
  Bachelor Thesis `[Java, SQL, LaTeX]`
  - ○ Topic: "*Conceptual design and Implementation of a Single Product Tracking in a press hardening production line*" (German grade: **1.4**, approximately equivalent to an "**A**" grade)
  - ○ Published under a non-disclosure agreement (NDA) due to customer specific problem specification

- **Cooperative State University Baden-Württemberg Stuttgart** Oct 2017 – Jun 2018
  Research Internship with Prof. Dr.-Ing. Olaf Herden `[Shell, LaTeX]`
  - ○ Evaluated state-of-the-art NewSQL databases on the categories of the Business Readiness Rating
  - ○ Topic: "*New SQL Databases: An evaluation of Open Source New SQL databases for modern application scenarios*" (German grade: **1.5**, approximately equivalent to an "**A**" grade) ⌗

- **Eisenmann SE: Research & Development** ⌗ Oct 2015 – Oct 2018
  Cooperative Studies: Computer Science `[Java, JS, HTML, CSS, LaTeX]`
  - ○ Research & Development projects in the field of Manufacturing Execution Systems (approximately equivalent to **5 internships with a duration of 3 − 4 months each**)
  - ○ Whitepaper topics include but are not limited to "*Selection and Implementation of Key Performance Indicators*" or "*Improvement of the Data Analysis*" (all published under a non-disclosure agreement)

EDUCATION

- **University of Tübingen** | *M.Sc. – Computer Science* (Oct 2018 – Present) Tübingen, Germany

- **DHBW Stuttgart** | *B.Sc. – Computer Science* (Oct 2015 – Oct 2018) Horb, Germany

SKILLS

- **Languages**: German (native), English (business fluent), Latin (small latinum certificate), Japanese (beginner)
- **Programming**: Python, Java, C#, Prolog, R, SQL, Gremlin, HTML5, CSS3, JavaScript
- **Frameworks & Tools**: Flask, React, NumPy, Pandas, Version Control, Adobe Suite, Microsoft Office, LaTeX
- **Databases**: MySQL, Oracle, JanusGraph, MongoDB, VoltDB, NuoDB, CockroachDB

SELECTED PROJECTS & CONTRIBUTIONS

- **DeepOBS**: Optimization Benchmarking Suite – Contributed Baselines, Scripts and improved Software Quality
- **App2Night**: Location based mobile App to create, comment and rate user generated events to find the best event
- **SiteScrawler**: Webapp to provide users with relevant news articles based on customisable topics of interest