

FINN RIETZ

+49 163 7485114 ◊ 5rietz@informatik.uni-hamburg.de ◊ www.finnrietz.dev ◊ github.com/frietz58

OBJECTIVE

Computer Science Master student with 3+ years experience in academia and industry seeking Deep Learning Ph.D. positions and Master Thesis possibilities.

EDUCATION

Master of Science: Computer Science, University of Hamburg 2019 - ongoing
Relevant courses: Bio-Inspired AI, Neural Networks, Machine Learning, Computer Vision, Intelligent Robotics
Current GPA: 1.1

Bachelor of Science: Human-Computer Interaction, University of Hamburg 2015 - 2019
Relevant courses: Software Engineering, Databases, Statistics, General & Developmental Psychology

TECHNICAL SKILLS

Languages	Python, Java, C#, Javascript, SQL, Bash, PHP, ABAP, Dart, HTML, CSS
Frameworks	PyTorch/Tensorflow, Matplotlib, Pandas, Flask, JQuery, SAPUI5, Flutter, OpenAI Spinningup
Others	Git, ROS, Docker, Debian Linux, Unity, Raspberry Pi

EXPERIENCE

Student assistant Jul 2019 - ongoing
[Knowledge Technology Research Group](#) *Hamburg, Germany*

- Implemented various applications on Pepper Robots, including:
 - Visual Self-localization and mapping for office exploration
 - General ROS pipeline for implementation of various concrete projects
- Tutor for Cognitive Robotics Project 2020
- Webmaster for [KT Group's Website](#)

Machine Learning Expert Nov 2019 - Jan 2020
[nextMedia.Hamburg](#) *Hamburg, Germany*

- Three months stipend for prototyping NLP solutions at [DER SPIEGEL](#)
- Successfully developed an N-Gram classification model for malicious advertisements, in collaboration with [Google Germany](#)

Student employee: Fullstack SAP Feb 2017 - Jun 2019
[Otto Group IT](#) *Hamburg, Germany*

- Developed OData SAPUI5 customer feedback Web-app
- Developed SAP based anonymization pipeline collecting training data from all Otto employees
- Build physical and software solution for always-on SCRUM board

EXTRA-CIRRICULAR ACTIVITIES

Visiting Researcher Sep 2020 - Dez 2020
[Intelligent Robotics Research Group](#) *Umeå, Sweden*

- Three months stipend for developing a WoZ Interface for Pepper robot
- [Presented outcome](#) at 2020 Workshop on Affective Shared Perception
- Paper abstract accepted in [Frontiers in Robotics and AI: Human-Robot Interaction: Affective Shared Perception](#)