

Jens Beißwenger

Eberhard Karls University Tübingen
Fichtenweg 15 room 910, 72076 Tübingen
+49(0)15908610773 | jens.beisswenger@student.uni-tuebingen.de

Education

- 2022 - **Eberhard Karls University Tübingen** MSc Computer Science
now
 - Expected graduation SS 2024
- 2017 - **Karlsruher Institut for Technology** BSc Computer Science at Prof. Neumann
2022
 - Projects with Android and Machine Learning for FPGAs and GPUs (with OpenCL)
 - Bachelor thesis: Improving the Sim2Real performance using the FFB6D network (with Python)
- 2014 - **Technical College** Schwäbisch Gmünd
2017
 - Projects with Machine Learning (with OpenCL)
- 2008 – **Secondary school ‘Realschule Mutlangen’**
2014
- 2004 - **Elementary school ‘Grundschule Alfdorf’**
2008

Work experience

- Sep. 22 – **Internship at KPMG Lighthouse as Data Scientist**
Nov. 22
 - Text duplicate detection with Fuzzy Matching and machine learning
- 2021 - **Computer lessons for refugees** (so-called DigiCoach)
2022
 - Teach refugees how to use computers (especially Linux)
- 2018 – **Working student at ZF in the prototyping department**
2021
 - Assemble car retractors / prepare for further crash insurance

Programming experience

- 2021 **Bachelor thesis** Improving the Sim2Real performance using the FFB6D network (with python)
 - Automated rendering of synthetic images with Blender and Python
 - Subsequent training of the FFB6D network (with real / synthetic data)
 - Goal: Training on synthetic data with good performance on real data
- 2021 **Maze app** Development of an Android app that uses in-ear headphones
 - Controlling a character through a maze with these headphones
- 2020 **Software development practice** Development of a face recognition app with neural networks
 - Programmed with Java and OpenCL
 - Using the GPU / CPU / FPGA
- 2015 **Jugend – Forscht** Development of a camera-controlled model railway with machine learning
2016
 - 2. place
 - In a GUI you can click on a point to which the train is going on the shortest route
 - Own implementation of the image recognition part using convolutional neural networks in Java and OpenCL

2015 **Jugend – Forscht** Development of a GUI (in Java) with which an radio controlled
2016 car can be navigated via the WLAN using a webcam
 • 3. place

Scholarship

Nov. 22 – Scholarship at e-follows
Nov 23

Skills

Lang. German (native language), English (fluently), Spanish (basic knowledge)
Tech. Python, Java, C++, (OpenCL / OpenGL), SQL, Excel, Linux, Android