**FALK VINCENT VON APPEN**

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| 2021 – 2023 | Master of Science Robotics, Cognition, Intelligence, Technical University of Munich |
| May 2021 – Jan. 2022 | Student job: software development at Cycle GmbH |
| Feb.-March 2021 | Internship at CFEL, Improvement of simulation of nonlinear optics in Matlab for terahertz generation; Numerical solving of Schrödinger’s equation using Runge-Kutta (4th) and split step Fourier method (Proof can be  submitted later, was not provided by the institute yet) |
| 2017 – 2021 | Bachelor of Engineering in Mechatronics, University of Southern Denmark (SDU), Sønderborg, Denmark: Average grade: **11.67**; max. grade: 12 |
| July 2020 – Jan. 2021 | Final Project at Cycle GmbH, FPGA and Hardware design, Title: “FPGA based phase control loop with pre synchronisation”. Architecture improvement of a phase control loop inside the Zynq-7000 SoC, |
| Feb.-June 2020 | Internship at the German research centre for artificial intelligence (DFKI) in Osnabrück, Evaluation of a LIDAR-3D-Sensors, building of a semantic map for a robotic system and development of a processing system for automatic object detection and segmentation in arial and satellite imagery. |
| Sep. -Dec. 2019 | Semester abroad at the Vancouver Island University (VIU), studying Computer science, taking 1st, 2nd and 3rd year courses:  CSCI 160 Computer Science, CSCI 265 Software Engineering, CSCI 355 Digital Logic and Computer Organization, MATH 241 Linear Algebra, Term GPA: **4.10**, max. GPA: 4.33 |
| Feb. – June. 2019 | Student job: “Math-2”-Teaching assistant |
| Dec. 2018- Aug. 2019 | Student job: “International Ambassador” at the “TEK“-faculty (technical faculty of SDU) |
| Since Jan. 2018 | Scholar of the German National Scholarship Foundation, “Studienstiftung des Deutschen Volkes” |
| Oct. 2017- Oct. 2018 | Student job: at the company “Swientys” through the workshop „Engineering Career Program 2017“ |
| 2008 – 2017 | Stadtteilschule Blankenese; Abitur: July 2017, Grade: **1,2** |
| August 2016 | Installation of solar powered water fountains in Nicaragua (school project) |
| March/May 2016 | 51. round of “Jugend Forscht”, German youth research competition; researched about deploying a parachute by an onboard system using a feedforward neural network to detect flight behaviour |
| March 2014 | Installation of solar home systems and One-Light-One-Child light on Tumbatu, Tanzania (school project) |