

OLIVER ALTERGOTT

B.Sc. Elektrotechnik und Informationstechnik KIT

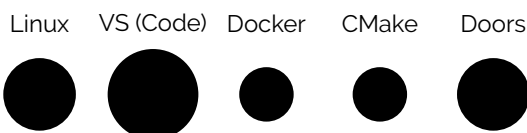
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ABOUT ME

I am a very motivated person that values hard work and quality thereof. I have a fascination and broad experience in the field of software engineering ranging from embedded in C/C++ to mobile and frontend web applications. My Hardware skills range from circuit prototyping, and soldering to PCB-Design. I am a proponent of the agile manifesto and scrum way of working. I am constantly looking for new challenges, further developing my skills and creating an awesome product.



ACADEMICS

04.21 – present	Master of Science: Elektrotechnik und Informationstechnik I'll start my Masters in April 2021.	Karlsruhe Institute of Technology
10.16 – 03.21	Bachelor of Science: Elektrotechnik und Informationstechnik Voraus. Durchschnitt: 2,5	Karlsruhe Institute of Technology
2013 – 2016	High School Diploma During a 3 year stay in the US I attended and graduated high school. Achievements: GPA 3.8, ACT 30, AP Stats, AP Calculus, AP Physics.	South Lyon East High School, USA

EXPERIENCE

10.20 – 03.21	Bachelor Thesis at Robert Bosch GmbH I wrote my thesis in the department of software development for driver-assistance systems for commercial vehicles realized by a multi-purpose front video camera. A <i>Fusion of video and radar objects for the intelligent headlight function</i> multi-sensor fusion framework was theoretically derived and prototypically implemented in a simulation environment (SiL). A Multi-Sensor Fusion using Kalman-Filter, Mahalanobis Distance und K-Nearest Neighbor was developed.	Bosch Abstatt
02.20 – 09.20	Software Engineering Internship at Robert Bosch GmbH I completed a 6-month Internship in the department of function software development for the Multi-Purpose Camera Gen.3 for Trucks (MPC3.0T). I developed production features, as well as software testing in collaboration with an agile team with very good performance.	Bosch Abstatt
2017 – now	Personal Projects I am always working on interesting personal projects. For example a location-based photo sharing Android App Link: Link . <i>Swaggy Cow</i> Game (Flappy bird clone) in Unity. Currently starting out in web frontend development with React.	Personal

LANGUAGES

German - Fluent
English - Fluent
Spanish - Basics

HOBBIES

Arduino / ESP32 / RaspberryPi
Soldering / Prototyping
AWS Lightsail Linux Machine
Sport, Reading

OTHER SKILLS

Signal Processing and Fusion
Visualization using QT / CImg
Unit Testing (Google Test)
Image algorithms
Jira, BitBucket, Jenkins, Github