OLIVER ALTERGOTT

B.Sc. Elektrotechnik und Informationstechnik KIT

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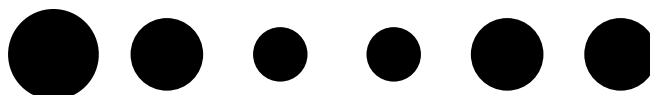🌐 oliveraltergott.com

⭘ @SWDesgn

ABOUT ME

I am a very motivated person that values hard work and quality. 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 familiar with agile and scrum working practices. I am constantly looking for new challenges, further developing my skills and giving my best in collaboration with a team.

Skills:
- C/C++
- Java
- React
- Java-Script
- Node.js
- Swift
- Git

VS (Code) · MS Office · Docker · CMake · Doors · Altium

ACADEMICS

04.21 – present — **Master of Science: Elektrotechnik und Informationstechnik** — *Karlsruhe Institute of Technology*
I'll start my Masters in April 2021.

10.16 – 03.21 — **Bachelor of Science: Elektrotechnik und Informationstechnik** — *Karlsruhe Institute of Technology*
Vorraus. Durchschnitt: 2,5

2013 – 2016 — **High School Diploma** — *South Lyon East High School, USA*
During a 3 year stay in the US I attended and graduated high school. Achievements: GPA 3.8, ACT 30, AP Statistics, AP Calculus, AP Physics.

EXPERIENCE

10.20 – 03.21 — **Bachelor Thesis at Robert Bosch GmbH** — *Bosch Abstatt*
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 *Fusion of video and radar objects for the intelligent headlight function* framework was theoretically derived and implemented in a simulation environment (SiL).

02.20 – 09.20 — **Software Engineering Internship at Robert Bosch GmbH** — *Bosch Abstatt*
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.

2017 – present — **Personal Projects** — *Personal*
I am constantly working on interesting personal projects. For example a location-based photo sharing Android App Link: Link. *Swaggy Cow* Game (Flappy bird clone) in Unity. Currently learning web frontend development with React.
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Android Studio / Swift / React / NodeJs / C++ / Altium
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LANGUAGES

German - Fluent
English - Fluent
Spanisch - Basics

HOBBIES

Arduino / ESP32 / RaspberryPi
Circuit Prototyping
Frontend Design
Sports, Music, Reading, Driving

OTHER SKILLS

Signal Processing and Fusion
Visualization using QT / CImg
Unit/ SW Testing/ V-Model
AWS, Heroku, SSH, SFTP
Jira, BitBucket, Jenkins, Github