MARCO **CASAGRANDE**

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EXPERIENCE

SEP 2021– ONGOING   OCT 2019 – AUG 2021   MAY 2018 – SEP 2019

ALGORITHM DEVELOPER - WORKING STUDENT - PROJECT ENGINEER

IBEO AUTOMOTIVE SYSTEMS GMBH, GERMANY

Automotive perception algorithms development.
Implemented relative localization system in AirPortMover project.

AUGUST 2016 – JANUARY 2017

ENGINEERING INTERN – ROBERT BOSCH GMBH, GERMANY

Inertial MEMS characterization and validation.

MAY 2011 – MAY 2014

JR. FULL-STACK DEVELOPER – FB SERVICES SRL, ITALY

Web applications development for infotainment systems.

EDUCATION

OCTOBER 2019 – AUGUST 2021

M. SC. ICT INNOVATION, KTH STOCKHOLM, TU BERLIN

Degree project: "Relative pose estimation of a plane on an airfield with automotive-class solid-state LiDAR sensors", GPA: 1.0

SEPTEMBER 2014 – APRIL 2018

B. SC. INFORMATION ENGINEERING, HAW HAMBURG

Degree project "Robust setup of an Autonomous Mobile Robot research platform with multi-sensor integration in ROS", GPA: 0.9, HAW Best Graduate Award 2018

SKILLS

- Automotive perception algorithms
- LiDAR sensor data processing
- Agile development with SCRUM

- Proficient: C++ 14, ROS
- Familiar: C, Python, Java, PHP, SQL
- German B2, English C1, Italian

REFERENCES

More information on my work as well as certificates and letters of recommendation can be found on my portfolio page [1].

[1] M. Casagrande. [Online]. Available: https://github.com/bighouwski/portfolio.