

Ankith Manjunath

- 12 Aug 1991
- Weststraße 87, 42119 Wuppertal, Germany
- +49-17680772423
- ankith@tutanota.com
- Indian

Network Links



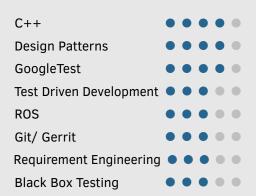
My LinkedIn link

My Xing link

Languages

- **English**
- German
- Hindi

Core Skills



Objective

A passionate software engineer with 3 years of work experience delivering high quality, maintainable software using the state of the art tools & processes in the area of advanced driver assistance systems and autonomous driving (ADAS/AD). I am looking for opportunities in the area of autonomous driving to expand and improve my skills and benefit the organization.

Work Experience

01/2019 -Aptiv Services Deutschland GmbH Wuppertal, Germany Present Software Engineer Algorithms for L3 Autonomous Driving.

- Software product development for situation assessment algorithms using agile development methodologies.
- · Test-driven development of software using googletest and autosar modern C++.
- · Maintain quality using static analysis tools.
- Black box testing using Carmaker simulation tool.
- Prototype testing of applications on a vehicle using ROS framework.
- · Continuous process optimizations to shorten software delivery times.
- Vehicle testing and validation of applications.

AVL Softwares and Functions GmbH 11/2017 -Regensburg, Germany 12/2018 Entwicklungsingenieur

- Algorithm development for prototype applications.
- Radar-based tracking algorithms using Matlab model-based development tools.
- · Vehicle testing and validation of applications.

08/2016 -**AVL Softwares and Functions GmbH** Regensburg, Germany 08/2017 Master Thesis & Praktikum

- · Research on Radar based object detection and tracking for autonomous driving.
- · Validation using Prescan simulation environment.

08/2015 -FAU Erlangen-Nürnberg Universität Erlangen, Germany 07/2016 Werkstudent

· Marker detection for robot localization using webcam(OpenCV).

Education

10/2014 -University of Erlangen-Nürnberg Erlangen, Germany 08/2017 Master of Science (M.Sc) in Communications and Multimedia Engineering. 08/2009 -**BNM Institute of Technology** 05/2013 Bachelor of Engineering (B.E) In Electronics & Communication

Trainings

08/2020 -**Accelerated Computer Science Fundamentals** 11/2020 Online course focusing on data structures using modern C++ 01/2018 -**Self Driving Car Engineer Nanodegree** 07/2018 Online course focusing on perception, fusion and path planning aspects of self driving car

Publications

2018 **Radar Based Object Detection and Tracking for Autonomous**

> International Conference on Microwaves for Intelligent Mobility IEEE

Skills & Competancies

Software Agile, ASpice Compliance, Enterprise Architect,

Development Polarion, JIRA, Confluence Programming C++-11/14, Matlab, Python

Languages

CVS Git, Gerrit, Github

Static Coverity

Analysis

Simulation CarMaker, PreScan Frameworks ROS, GoogleTest

Extra-Curricular Activities

- Hiking
- Home Automation
- Cooking
- Badminton
- Gaming