

# Arjun Haritsa Krishnamurthy

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Human Resources, Continental, Lindau  
Germany

**Subject:** Application for Internship JOBID: 111743BR

Dear Sir/Madam,

Wishing you a good day.

I am applying for an internship in the mentioned subject at Continental, Lindau. Currently, I am a Master student of Embedded Systems for Mechatronics at FH Dortmund, where an internship could be considered for 18 ECTS in the coursework.

Continental is a remarkable brand in producing high performance driver assistance ECUs. Their software functions like automated emergency braking or cruise control operation where sensing and perception plays a major roll - falls under my area of interest. These systems typically demand high skillset towards mathematical models or machine models and provides sufficient expertise from the real time knowledge from the industry. Therefore, I believe an internship to "understand algorithm and to port them in python" or "generating data for neural networks" would be the right point of start towards driver assistance. Henceforth I am putting this application.

My current studies have offered subjects related to embedded systems and various software methodologies. Signals and systems for automated driving, computer vision are some of the subjects that are fostering my skillset towards machine intelligence. One of the projects that I have designed from this course work is to demonstrate Automated emergency braking from the application knowhow of OpenCV and LiDAR which have tuned up my signal processing concepts.

Also, having 5+ years of software development experience and being designated as a senior software engineer at Robert Bosch, Bangalore; where my responsibilities were to develop software functions for chassis ECUs. I've worked on the application layer of CAN for cybersecurity and failsafe which included sensor calibrations and safety functions development as per JOEM requirements.

I am a fast learner and a self-driving personality. With the analytical, programming, communication abilities that I have gained so far, I believe that I can be a suitable candidature for this position. Given an opportunity, I will duly dedicate myself to the betterment of the role, company and myself.

I will be available from beginning August'19 till February'20 with a possible extension for the master thesis topic for another 6 months.

Kind regards,



Arjun Haritsa Krishnamurthy

Date: 24 June 2019

Dortmund