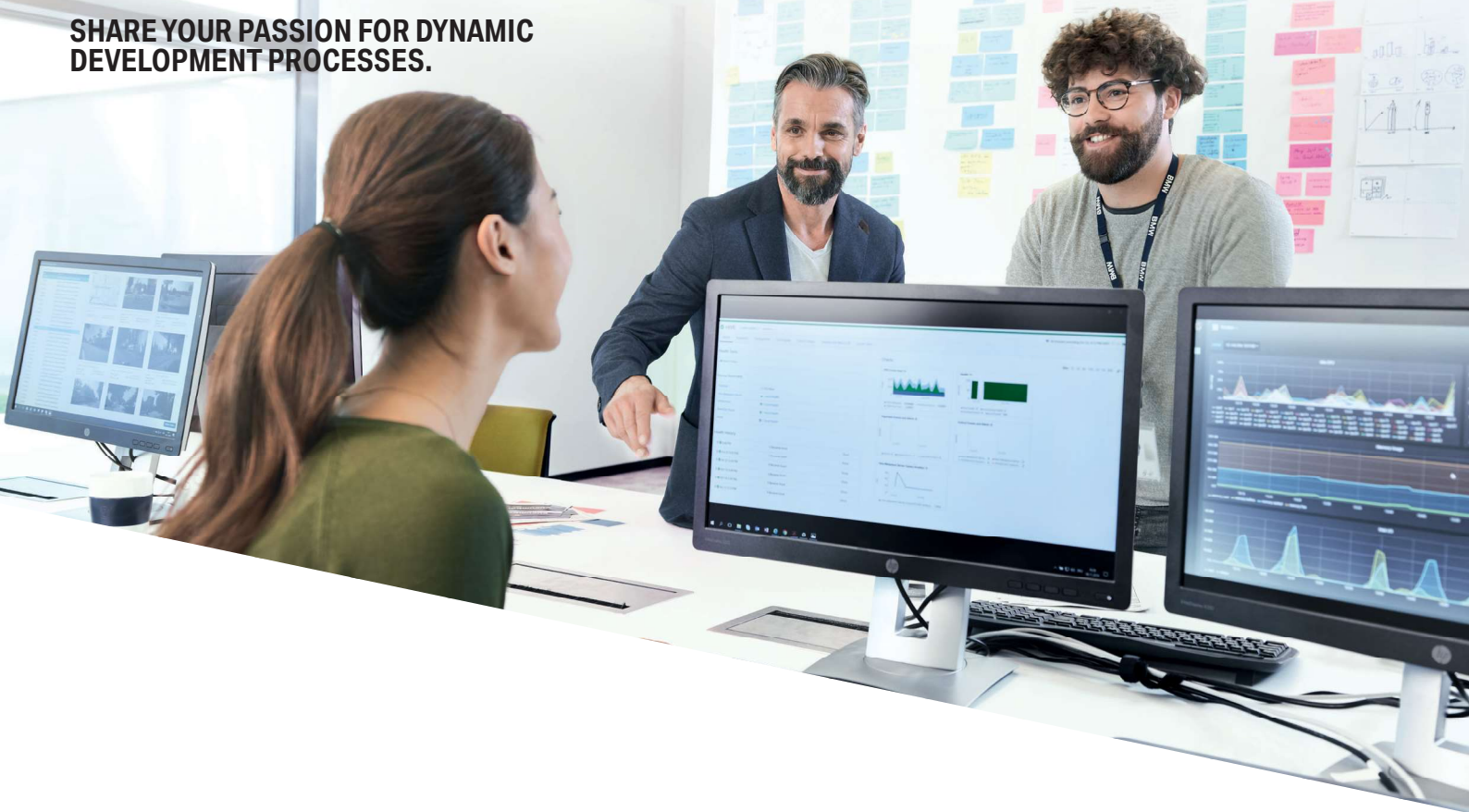


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We at BMW Car IT GmbH take the responsibility for software across domains. By delivering software all the way from the idea to the final product we lead BMW into the future of digitalization.

## Master Thesis - Recognition of building facades based on Image Processing (f/m/x)

Today's cars are equipped with front view cameras in order to understand the world in front of the car. Field of view of the camera encloses useful information such as buildings on the side of the street. The goal of the master thesis is to recognize the facades of the building visible in the video stream of the front camera. In this context we propose to identify and evaluate different computer vision methods to recognize building on the street. The outcome of the thesis shall be a proof of concept application in form of a C++ demonstrator running on Linux system and proposal for the next steps of evaluation.

## Requirements

- Good software development skills in C++
- Basic knowledge in Computer Vision
- Good English and communication skills
- Experience in Linux (beneficial)

## Location

Ulm

## Contact

carit.students@bmw.de

You can find out more about us as an employer, our entry programmes and other job opportunities at <http://www.bmw-carit.de/opportunities/>

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