

The Research Group on *Image and Video Analysis & Synthesis (IVAS - <https://www.ims.tuwien.ac.at/research/IVAS>)* at TU Wien's *Computer Vision Lab (www.cvl.tuwien.ac.at)* announces a 6-month research position for a

PhD or diploma student

to work on the “CarVisionLight” project for the period from **March** (or earlier) **until August 2020**.

We are seeking a highly motivated graduate (Dipl.-Ing, MSc.) or diploma/master student of **Informatics** (or related studies) with a background in **computer vision and machine learning** and strong interest in **autonomous driving applications**. The successful candidate will work in a team of academic and industrial partners on the “CarVisionLight” project, funded by the Austrian Research Promotion Agency (FFG).

The project targets the development of an intelligent combined 3D vision and adaptive front-lighting system for supporting automotive vision in the field of assisted/automated driving. The work will entail the development of computer vision and (deep) learning algorithms for object detection, tracking and semi-automatic ground truth annotation along with related evaluation studies.

We are looking for highly motivated candidates that meet several of the following requirements:

- Excellent academic record
- Strong background in computer vision
- Knowledge in deep learning algorithms
- Experience in developing user interaction techniques
- High ability of algorithmic thinking
- Good programming skills in C++ and Python
- Good knowledge of English

The salary will be paid according to “Kollektivvertrag” at TU Wien.

Please send your application or further related questions per email to:

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