

PhD candidate (f/m/d) in Computer Vision/AR/Signal Processing

The **VRVis** research center in Vienna, Austria, is looking for a research engineer (f/m/d) who is interested in pursuing an application focused PhD in cooperation with our project partners at HILTI Corp. and **TU Graz**:

Job Profile

- Research on open questions in Computer Vision relevant to industry, in particular
- Accuracy investigation of Computer Vision reconstructions and associated sensor hardware (depth sensors, LIDAR) while
- Adhering to restrictive assumptions and requirements in the building construction industry.
- Tackle the issue of whether these requirements can be satisfied with current and upcoming hardware devices and adjacent software algorithms
- PhD goal: come up with novel ideas and approaches falling into the area of Computer Vision algorithms and Augmented Reality visualization techniques for the topic of building construction
- Present your research work and progress to science and industry via talks or papers

What you will bring to the team

- A master's degree in Computer Science or a related field
- Background in either Computer Vision, Augmented Reality or Signal Processing
- Practical experience with Matlab and C/C++
- Creative problem solving skills
- Strong communication skills in English, some knowledge of German would be a plus

What we offer in return

- Open-ended contract, up to 40 hours per week
- Flexible working hours, well-equipped workplace
- Possibility to travel to international conferences
- Work at core challenges in Computer Vision/ AR for the benefit of industry
- Location: Graz / Austria, at the Graz University of Technology (TU Graz)
- Salary according to collective labor agreement (IT-Kollektivvertrag) including bonus for 13th and 14th month (monthly min. 2556,- EUR) with overpay depending on qualification and previous professional experience
- Supportive atmosphere in a team of experts from science and industry

Application deadline: March 31, 2021

We especially want to encourage female candidates to apply! In cases of equal qualification, preference is given to female candidates.

Please forward your CV and application statement including preferred start date directly to:

Contact

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