

Intern (m/w) Master thesis:

Augmented reality meets deep learning in mobile devices

Nokia Solutions and Networks GmbH & Co. KG

Nokia Networks is a leading global enabler of telecommunications services. With its focus on innovation and sustainability, the company provides a complete portfolio of mobile, fixed and converged network technology, as well as professional services including consultancy and systems integration, deployment, maintenance and managed services. It is one of the largest telecommunications hardware, software and professional services companies in the world. Operating in 150 countries, its headquarters are in Espoo, Finland.

To do

You will work as an intern at Nokia Bell Labs, Stuttgart, in the area of deep learning in augmented reality (AR) for mobile devices.

- To contribute to develop a mobile interface that enables mapping and object recognition, augmented visualization and haptic interaction
- Work independently (but always being supported when needed) under the supervision of our experts on a specific assigned topic

Required skills

Required application documents:

- CV
- Official academic transcripts (we will only consider applications with transcripts)

Qualifications:

- Knowledgeable in computer vision and image processing
- Knowledgeable in machine learning, especially the subfield of deep learning
- Good programming skills in Python, C/C++ and Java
- Understanding of mobile operating system, such as Android and iOS
- Good university grade point average
- Fluent in English

- Knowledge of libraries of computer vision tools, such as OpenCV
- Basic knowledge of mobile communications

Gains

- New machine learning and computer vision approaches
- How to build a user interface with augmented reality tools
- Understanding of wireless networks

Location:
Stuttgart

Earliest start time:
May 2018

Duration:
6 months

Weekly working hours:
35

Contact:
Claudia.schoenberger@nomiko.de

Application hints:
Please apply only online at
www.nomiko.de

Kontakt nomiko:

Claudia Schönberger
Wagenfeldstraße 1
44787 Bochum

E: Claudia.schoenberger@nomiko.de
T: +49 234 – 417 575 20

