

# BENJAMIN WILHELM

*Computer Scientist*

<https://b-wilhelm.de> | GitHub: HedeghogCode

## INTERESTS

Computer Vision and Image Analysis  
Deep learning

## WORK EXPERIENCE

**Research assistant, University of Konstanz** (Konstanz, Germany) Oct 2015 - Aug 2017

Programming in Java  
Building a cluster executor for KNIME

**Intern, Max Plank Institute of Molecular Cell Biology and Genetics** (Dresden, Germany) Sep 2017 - Feb 2018

Integrate TensorFlow in ImageJ/Fiji  
Integrate TensorFlow in KNIME  
Contribution to the CSBDeep/CARE paper by making it run in Fiji and KNIME.  
Minor programming tasks in Java like a tiled execution for KNIME Image Processing.

**Working Student, KNIME GmbH** (Konstanz, Germany) March 2018 - Present

KNIME TensorFlow Integration  
KNIME Deep Learning Integration  
KNIME Tableau Integration  
Other software development tasks

## EDUCATION

**M.S. in Computer and Information Science, University of Konstanz** (Konstanz, Germany) Oct 2019 - Present

Focus on computer vision and machine learning  
Image Analysis and Computer Vision I and II  
Seminar about Recent Developments in Deep Learning

**B.S. in Computer Science, University of Konstanz** (Konstanz, Germany) Oct 2014 - Oct 2019

All basic courses  
Mechanics in Physics and Mathematical Logic  
Specialization in Data Mining and Computer Vision  
Ranked 7th in the Freesound General-Purpose Audio Tagging Challenge on Kaggle  
as part of the Lecture "Advanced Data Challenge"  
Seminar about Energy Minimization Methods in Computer Vision  
Bachelor's thesis about segmentation of microscope image data  
Overall grade "with distinction"  
Received the VEUK Award ("Preis des Vereins der Ehemaligen der Universität Konstanz (VEUK e.V.)")

**High-school diploma, Erich-Hauser-Gewerbeschule** (Rottweil, Germany) Sep 2011 - Jul 2014

High-school with focus in Computer Science

## SKILLS

Very familiar with  
Java, Eclipse, Git, Linux, Python, Scrum

Familiar with  
MATLAB, C, C++, Bash, Travis CI, LaTeX