

# Benjamin Wilhelm

Computer Scientist

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

### B.S. in Computer Science, University of Konstanz (Konstanz, Germany)

Oct 2014 -  
Present

All basic courses (Math classes, Programming courses, Database systems, Algorithmics, Theoretical Computer Science, ...)  
Mechanics in Physics  
Mathematical Logic  
Image Analysis and Computer Vision I and II  
Seminar about Energy Minimization Methods in Computer Vision  
Artificial Neural Networks and Deep Learning  
Machine Learning using MATLAB  
Frequent Pattern Mining  
Advanced Data Challenge (Ranked 7th in the Freesound General-Purpose Audio Tagging Challenge on Kaggle)

### 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

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