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