

LEONARD ADOLPHS

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EDUCATION

PhD in Computer Science

2018 - Today

Data Analytics Lab, ETH Zurich

- Research Interests: Natural Language Understanding, Non-Convex Optimization, Reinforcement Learning

M.Sc. in Computer Science

2016 - 2018

ETH Zurich

- Thesis: Non Convex-Concave Saddle Point Optimization
- Cumulative GPA: 5.71 / 6.0 (Very good)

B.Sc. in Electrical Engineering and Information Technology

2013 - 2016

Karlsruhe Institute of Technology

- Thesis: Identifying muscle pre-contraction to control an exoskeleton.
- Cumulative GPA: 1.6 / 1.0 (good)

PUBLICATIONS

Ellipsoidal Trust Region Methods for Neural Network Optimization

Preprint 2019

Jonas Kohler, Leonard Adolphs*, Aurelien Lucchi*

Local Saddle Point Optimization: A Curvature Exploitation Approach

AISTATS 2019

Leonard Adolphs, Hadi Daneshmand, Aurelien Lucchi, Thomas Hofmann*

TEACHING EXPERIENCE

Machine Learning

Fall 2017

ETH Zurich

Deep Learning

Fall 2018

ETH Zurich

Natural Language Understanding

Spring 2019

ETH Zurich

WORK EXPERIENCE

sovanta AG

July 2015 - November 2016

Software Engineer, Internship + Working Student

Heidelberg, Germany

- Software Design and Development of native iOS and Android Apps for business customers.

TECHNICAL STRENGTHS

Programming Languages

Python, R, Objective-C, Swift, Java

ML Frameworks

PyTorch, Tensorflow

Tools

git

OTHER ACHIEVEMENTS

Player in the 1st German Golf League for the Team of GCMV	2010-2016
German Team Champion (Golf)	2014
German Youth State Champion (Golf)	2011