LEONARD ADOLPHS

CAB F 42.1, Universitatstrasse 6 ⋄ 8092 Zurich

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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 and the Marginal Value of Hessian Information for Neural Network Training   Preprint 2019
Leonard Adolphs*, *Jonas Kohler*, 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