

Leonard Adolphs

31.03.1995 Mannheim, Germany
Gloriastrasse 88, 8044 Zürich, Switzerland
ladolphs@ethz.ch • +49 151 40435002
leoxiv.com • github.com/leoxiv



Education

Swiss Federal Institute of Technology (ETH Zürich), Switzerland

Sep 2016
- Apr 2018

M.Sc. in Computer Science

- GPA: 5.71 / 6 (very good)
- Selected Courses: Machine Learning, Statistical Learning, Data Mining, Natural Language Understanding, Computational Intelligence Lab
- Master's Thesis: Non Convex-Concave Saddle Point Optimization, Grade: 6.0.

Karlsruhe Institute of Technology, Germany

Sep 2013
- Jul 2016

B.Sc. in Electrical Engineering and Information Technology

- Thesis: Identifying muscle pre-contraction to control an exoskeleton.
Supervisor: Prof. Dr. Beigl from the Pervasive Computing Systems group.
Grade: 1.0 (excellent)
- Cumulative GPA: 1.6 (good)

Work Experience

sovanta AG, Heidelberg Germany

Oct 2015
- Nov 2016

Working Student Software Engineer (15h per week)

- Development of two native iOS and Android Apps in the context of *Internet of Things* and *Home Automation*. The apps have been developed for a business customer and were uploaded to the Apple AppStore and the Google PlayStore.

Jul 2015
- Oct 2015

Internship iOS Software Engineer

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

Teaching Experience

Swiss Federal Institute of Technology (ETH Zürich), Switzerland

2017

Teaching Assistant, [Machine Learning](#) Lecture

Publications

Preprints

May 2018

Local Saddle Point Optimization: A Curvature Exploitation Approach, [arXiv](#).

Other Projects

2015

Smolov Calc, iOS Development

- I developed a free fitness iOS app which has been downloaded > 19k times until now.

Skills

LANGUAGES

German: Native Language.

English: Fluent (Toefl Score: 110)

PROGRAMMING SKILLS

Advanced Knowledge: Python (incl. tensorflow, pytorch, scikit-learn, numpy), MATLAB, Objective-C, Swift

Good Knowledge: R, Java, Javascript

Achievements

CODING

- 2017 Hash Code, Google Coding Competition.
[351th place out of 2815 participants.](#)
- 2017 Hackzurich, Largest European Hackathon.
Chosen as 1 of 550 participants out of > 5000 applicants.

GOLF

- 2014 German Team Champion
1st in the German Golf Championship with the [team of GCMV](#).
- 2010 - 2016 Player in the 1st German League (1. Bundesliga)
- 2011 German State Champion
German Champion with the state team of *Baden-Württemberg*.