

Philip G. Leindecker

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Education

Swiss Federal Institute of Technology in Zurich (ETH Zurich)

Zurich, Switzerland

MASTER OF SCIENCE IN

Sep. 2019 - TODAY

- Physics

University of Technology Vienna (TU Wien)

Vienna, Austria

BACHELOR OF SCIENCE IN

Oct. 2016 - Jun. 2019

- Technical Physics
- Computer Science - Software and Information Engineering

Johannes Kepler University

Linz, Austria

BACHELOR OF SCIENCE IN

Oct. 2015 - Feb. 2016

- Technical Physics
- As a participant in the gifted education program: 'Students at Universities.'

AHS - BG/BRG Brucknergymnasium

Wels, Austria

HIGH SCHOOL

Sep. 2009 - Jun. 2016

- Graduated with distinction
- with the final degree 'Matura' (equivalent of the German 'Abitur')

Skills

Digital Skills Swift, JAVA, Python, C++, Neural networks, Tensorflow, Keras, iOS-Applications, macOS, Adobe Photoshop, LaTeX, Jupyter

Web HTML5, CSS3, PHP, JavaScript, SQL, PostgreSQL

Other Physics, Mathematics, Differential Equations, Linear Algebra, Analysis, Elektrodynamics, Quantum Mechanics

Language German (Mothertongue), Englisch (C1), French (B1)

Experience

CERN

Geneva, Switzerland

CERN - SUMMER STUDENT PROGRAMME 2019

Jul. 2019 - Aug. 2019

- over 92 different nationalities in the programme, 6% acceptance rate
- Attended the daily lecture and workshop programme for summer students and openlab students
- Member of the ROOT Team working with ROOT and Jupyter Notebook/Lab

University of Technology Vienna

Vienna, Austria

TUTOR - MATHEMATICS I FOR MECHANICAL ENGINEERING

Mar. 2019 - Jun. 2019

- Weekly Tutorials with approx. 30 students per class.
- Presenting and checking weekly homework assignments in Mathematics I.

University of Technology Vienna in cooperation with AC2T

Vienna, Austria

BACHELOR THESIS - NEURONAL NETWORKS IN THE FIELD OF TRIBOLOGY

Dec. 2019 - Mar. 2019

- Title: Pattern recognition in acoustic emission using neural networks
- Using different kinds of neuronal networks (MLP, CNN, ...) to find correlations and recurring patterns in quasi-continuous acoustic samples from tribological experiments.

Deutsche Bank AG

Frankfurt, Germany

SUMMER INTERNSHIP PROGRAMME 2018

Jul. 2018 - Aug. 2018

- Introduction to banking and finance specific products and services.
- 1.Rotation: Mobile App Team of Deutsche Bank iOS application in the Digital Factory.
- 2.Rotation: Global Transaction Banking - Generation of test data using Recurrent Neural Networks on a GPU server.

Daimler AG

Sindelfingen, Germany

RESEARCH AND DEVELOPMENT

Jul. 2017 - Aug. 2017

- Internship in the department for digitization in car development
- Assumption of operational tasks in the context of project management
- Implementation of solutions for future development cooperation
- Creating and managing Daimler internal Websites and Apps for employees

TTTech Computertechnik AG

RESEARCH AND DEVELOPMENT

- TTTech is the technology leader in robust networked safety controls.
- Responsible for: Software development in the Automotive Division

Vienna, Austria

Aug. 2016

Honors

2018 **Ski Instructor**, Anwärter Ski in Tirol (Austria)

Kitzbühel, Austria

2018 **TOEFL - Test**, 102 out of 120 points

Munich, Germany

2016 **Cambridge Certificate**, Level C1

Linz, Austria

2015 **Certificate for Entrepreneurship**, passed the final exam with distinction

Vienna, Austria

Extracurricular

PinDown

Austria

FOUNDER, CEO, DEVELOPER

Feb. 2017 - TODAY

- Creating an App for location based sharing of messages, live-tracking and channels

Exashare

Austria

FOUNDER, CEO, DEVELOPER

Sep. 2014 - TODAY

- Creator, founder and manager of a student file-sharing platform: exashare.at

Physics Olympiad, Chemistry Olympiad

Austria

PARTICIPANT

2012, 2013, 2014, 2015