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	Particle Physics, Quantum Optics, General Relativity, Differential Equations, Linear Algebra, Analysis, Elektrodynamics, Quantum Mechanics
Language	German (Mothertongue), Englisch (C1), French (B1)

Experience

ETH *Zurich, Switzerland*

ETH - TEACHING ASSISTANT *Feb. 2020 - May. 2020*

- Teaching assistant in Analysis II for mathematics and physics students.
- Weekly exercise classes with approx. 25 students per class.

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 exercise classes 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 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   *Vienna, Austria*

RESEARCH AND DEVELOPMENT   *Aug. 2016*

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

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*