Sandro Luh

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Academic Career	
Since 10.2018	 PhD in Energy Economics Group, Paul Scherrer Institute and ETH Zurich Integration of innovative technologies and mobility travel behavior in the transport sector of a techno-economic energy systems model
02.2016 – 06.2018	 MSc Mechanical Eng. (Grade: 5.85 / 6.00), Focus: Energy Science, ETH Zurich Passed with distinction (Grade better than 5.75) Top 5% of all students Focus: Energy Science; Minors: Energy Economics and Policies, Management
09.2017 – 04.2018	 International Master Thesis (Grade: 6.00 / 6.00), Imperial College London Title: "Decarbonisation of the Industrial Sector by means of Electrification, Fuel Switching, and CCS" Publishing 2 scientific papers as first author: 1 conference paper presented at ESCAPE 28; 1 journal paper (currently under preparation)
09.2012 – 08.2015	BSc Mechanical Eng. (Grade: 4.79 / 6.00), Focus: Energy Science, ETH Zurich
08.2002 – 07.2011	A-level, Focus: Natural-Sciences (Grade: 1.6 / 1.0), Germany
Work Experience	
02.2016 – 12.2016	 Teaching Assistant (Linear Algebra I, Materials and Production II), ETH Zurich Independent management of practice lessons for students Communicating understanding of theoretical concepts in applicable tasks Condensation of lecture content on relevant topics for successful exam High participation rate of students
09.2015 – 02.2016	 Project Management V8 Engine-Development, Mercedes-AMG Leading of the engineering team: time-, cost-, and resource-planning Organising and leading committees Developing and using a stock overview tool for long-term production planning (in close collaboration with Senior Manager) Preparing information for management-presentations
09.2006 – 07.2014	 Private Tutor Giving private lessons to pupils in the age between 13 and 19 years Clear improvements in the performance of all students
05.2012 – 06.2012	Workshop Internship, Infracor (today: Evonik Industries)
Languages	
German English	Mother tongue Proficient • 09.2017 – 03.2018: Semester abroad at Imperial College London • 08.2011 – 04.2012: 'Work & Travel'-year in Australia, New Zealand and Fiji

Chinese (Mandarin) Basic

Awards

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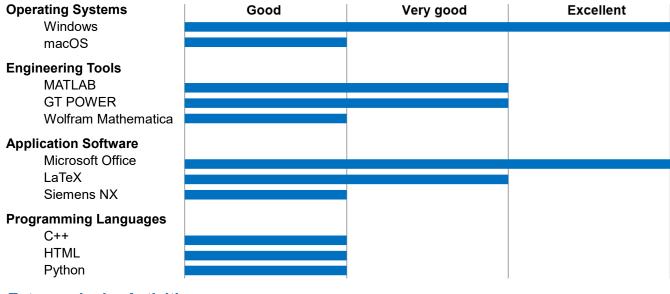
Master Degree with Distinction (Grade better than 5.75), ETH Zurich

• Top 5% of all students

10.2016

- BestStudentChallenge 2016: 6th place (of ~2000 in CH), Staufenbiel Institut
 - Tested skills in a live-assessment center: Strategic thinking, communication, cooperation, initiative, creativity, and self-confident manner

IT Skills



Extracurricular Activities

10.2018	 ETH Week 2018 about "Energy Matters", ETH Zurich Identifying problems in the field of energy and developing innovative solutions Applying design thinking methods in interdisciplinary teams
09.2016 – 06.2017	 Organising a Discovery Semester for Refugees, ETH Zurich Organising networking-events for up to 130 people Initiating and leading a football team (10 members), with tournament participation
02.2016 – 03.2017	 Model United Nations (MUN) International conferences: CUIMUN 2016 (Cambridge), ZuMUN 2016 (Zurich) Weekly debates at ETH MUN
06.2014 – 08.2017	Tutor at Prestudy Events for Newcoming Students, ETH Zurich
10.2012 – 06.2018	 University Policy-Team, ETH Zurich Representing the interests of all students of the department (~2500) Dialoguing with the rector, and participating in Department- and Tuition conferences Improving the study-curriculum by giving inputs during collaboration with professors and department Leading meetings with other university politicians
10.2012 – 06.2018	 Semester Representative, ETH Zurich Organising exam preparation courses for up to 600 students (~40k CHF) Improving lectures by working together with professors and students
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Interests

Travelling (culture and nature), winter sports, diving, sailing, soccer, and tennis

References: Available upon request