

CURRICULUM VITAE OF LENART TREVEN

PhD Student at *ETH Zürich*

November, 2020

PERSONAL INFORMATION

Birthday: September 2, 1996

Nationality: Slovene

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EDUCATION

- Nov 2020–Present
 - ▶ **ETH Zürich, PhD**
 - Research Area: Continuous time Reinforcement Learning
 - Sep 2018–Oct 2020
 - ▶ **ETH Zürich, Master’s Degree programme in Data Science**
 - GPA: 5.86/6
 - Graduated with distinction
 - Oct 2015–Aug 2018
 - ▶ **University of Ljubljana, Faculty of Mathematics and Physics, Bachelor’s degree, Mathematics**
 - GPA: 10.00/10
 - After first, second and third year awarded with Dean’s list selection
 - Sep 2011–Jun 2015
 - ▶ **Diocesan Classical Gymnasium; Ljubljana**
 - Golden graduate, highest grade in Mathematics, Physics and Chemistry
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WORK EXPERIENCE

- Dec 2019–Feb 2020
 - ▶ **Data Scientist, ETH Juniors, Zurich**
 - Optimizing production of chemicals for pharmaceutical company Eumedica, two months project
 - Jun 2017–Sep 2017
 - ▶ **Software Developer Intern, Xlab d.o.o.; Ljubljana**
 - Worked as software developer for two months, summer internship
 - Aug 2016–Sep 2017
 - ▶ **Researcher at Institute ”Jožef Stefan”; Ljubljana**
 - Worked in department of solid state physics for one month, summer internship
 - ▶ **Mentor, Diocesan Classical Gymnasium; Ljubljana**
 - Teaching students math as preparation for competitions (qualifications for National Math Competition, IMO)
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PREPRINTS

- ▶ **Lenart Treven, Sebastian Curi, Mojmir Mutny, and Andreas Krause 2020. Learning Controllers for Unstable Linear Quadratic Regulators from a Single Trajectory. arXiv e-prints, p.arXiv:2006.11022.**
 - Paper resulted from the first 3 months of Master thesis work
 - ▶ **Kolar, L., Šikonja, R., & Treven, L. (2020). Iterative Correction of Sensor Degradation and a Bayesian Multi-Sensor Data Fusion Method. arXiv e-prints, p.arXiv:2009.03091.**
 - In the paper we present the results which we obtained during the course Data Science Lab
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AWARDS

- ▶ **Faculty Prešeren award**
Jan 2019

- Awarded for my Bachelor’s thesis, University of Ljubljana, Faculty of Mathematics and Physics
 - Jul 2018 ▶ **International Mathematics Competition for University Students 2018**
 - Second Prize
 - Aug 2017 ▶ **International Mathematics Competition for University Students 2017**
 - Third Prize
 - Jul 2016 ▶ **International Mathematics Competition for University Students 2016**
 - Honourable Mention
 - Jul 2015 ▶ **International Mathematical Olympiad 2015 in Chiang Mai, Thailand**
 - Part of Slovenia’s national team
 - ▶ **During high school each year top 10 and gold plaquette in Math National Competition (organised by DMFA), National Champion in 3rd year**
 - <https://www.dmfa.si/Tekmovanja/MaSSA/ArhivDosezkov.aspx>
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SKILLS

- ▶ **Languages**
 - Slovenian, native
 - English, full professional (IELTS overall band 8, May 2018)
 - German, intermediate (9 years)
 - Latin
 - ▶ **Computer skills**
 - Python (Language I used most of the time at faculty and for various projects)
 - Java (Together with classmate I wrote a simple server and user interface for chatting)
 - Matlab (Language for practical part of courses Introduction to numerical methods, Numerical Linear Algebra and Computational Methods for Quantitative Finance: PDE Methods)
 - Go (Language which I used during my internship at Xlab)
 - Haskell (Functional language which I learned as one semester course)
 - Mathematica (Wrote several simulations during my work as intern in department of solid state physics)
 - R
 - Github
 - Latex
 - MS Office
 - ▶ **Others**
 - Piano accordion (7 years of Music School)
 - Driver’s License
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PERSONAL PROFILE

While enjoying working in a competitive environment, I also like working as part of a team. I spend a lot of my free time doing sports. I am capable of handling very stressful situations. I am a calm and rational person. I would consider my biggest virtues to be ability to establish friendly relationships with people around me and giving it my very best at everything I work at.