



Denisa Lampášová

Curriculum Vitae

Education

- 2017 – present **Faculty of Mathematics, Physics and Informatics, Comenius University**, Bratislava (Slovakia), Master degree studies
FIELD OF STUDY: Theoretical Physics
DIPLOMA THESIS: The Quantum Approximate Optimization Algorithm and other applications of alternating Hamiltonians (ADVISOR: *Mgr. Daniel Nagaj, PhD.*)
- 2014 – 2017 **Faculty of Mathematics, Physics and Informatics, Comenius University**, Bratislava (Slovakia), Bachelor degree studies
FIELD OF STUDY: Physics
BACHELOR THESIS: Quantum teleportation and its applications
(ADVISOR: *Mgr. Daniel Nagaj, PhD.*)
- 2006 – 2014 **Grammar school, Považská Bystrica (Slovakia)**,
FINAL EXAMS (MATURITA): Mathematics, Physics, English (B2), Slovak Language & Literature

Other activities

- 2014 – present **TROJSTEN**, ORGANIZER OF *FKS* (*Physics Correspondence Seminar*), a competition for high school students
- August 2018 **Toruń Astrophysics/Physics Summer Program (TAPS)**,
PROJECT: Quantum teleportation through noisy channels
(ADVISOR: *MSc. Gniewomir Sarbicki, PhD.*)
- July 2018 **Research Center for Quantum Information, Institute of Physics, Slovak Academy of Sciences**,
research on The Quantum Approximate Optimization Algorithm and other applications of alternating Hamiltonians
- 2017 **PosAm**, *Full-Stack Academy, later Programmer*

Computer skills

- Intermediate Python, \LaTeX
Basic Mathematica, C++, Java, HTML, Typescript

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Languages

Slovak **Native**
English **B2**
German **A1**

Interests

- Physics, Theoretical Computer Science, Puzzle hunts, Problem solving in general
- Hiking, Yoga, Cycling, Ultimate Frisbee, Swimming, Playing guitar, Playing piano, Acquiring new skills, Reading fantasy books (fan of Pratchett)

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