

Bc. Matěj Vais

Gender: Male
Date of Birth: 8th May 2000
Place of Birth: Teplice, Czech Republic
Citizenship: Czech Republic

☎ +420 733 727 523
📧 matejvais
✉ maty.vais@gmail.com

Education

Mathematical Modelling in Physics and Technology <i>Masters degree, Charles University, Faculty of Mathematics and Physics</i> <i>Thesis: Computation of flows of incompressible power-law fluids for low values of power-law index</i> <i>Supervisor: Prof. Patrick Farrell, Ph.D., University of Oxford</i>	Sep 2023 – Present Prague, Czech Republic
Mathematical Modelling <i>Bachelors degree, Charles University, Faculty of Mathematics and Physics</i> <i>Thesis: Deep learning for the solution of differential equations</i> <i>Supervisor: Scott Congreve, Ph.D., Charles University</i>	Sep 2020 – Sep 2023 Prague, Czech Republic
Bachelor of Mechanical Engineering (unfinished) <i>Czech Technical University in Prague, Faculty of Mechanical Engineering</i> <i>Successful completion of the first year of studies</i>	Aug 2019 – Sep 2020 Prague, Czech Republic
Gymnázium Teplice <i>General upper secondary education with Maturita exam</i>	Sep 2015 – May 2019 Teplice, Czech Republic

Additional Courses and Activities

Hack Kosice 2023 <i>Participation in a programming competition</i>	April 1–2 2023 Košice, Slovakia
Qminers Quant Hackathon 2022, 5th place <i>Participation in a competition in algorithmic sports betting</i>	November 26 2022 Prague, Czech Republic
Introduction to Machine Learning with Python <i>Course on theoretical foundations, basic concepts, and techniques</i>	September 2022 – January 2023 Charles University, Prague
Programming 3 <i>Course on algorithms and data structures, C/C++</i>	September 2022 – January 2023 Charles University, Prague
Programming 2 <i>Course on algorithms and data structures, Python</i>	February 2022 – May 2022 Charles University, Prague
Programming 1 <i>Introductory course, Python</i>	September 2021 – January 2022 Charles University, Prague

Job Experience

Tutoring <i>At home and online tutoring of mathematics, physics, and similar subjects</i>	May 2022 – Present
---	--------------------

Skills

Languages: Czech (native), English (B2-C1), German (basic knowledge)
Programming Languages: Python (intermediate), C (intermediate)