

KRISTIÁN VITOVSKÝ

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EDUCATION

<i>Master's degree in Astronomy and Astrophysics</i>	2019-2023 Charles University in Prague Faculty: Faculty of Mathematics and Physics Programme: Physics Specialization: Astronomy and Astrophysics Thesis topic: Hydrodynamical simulations of circumstellar discs Advisor: doc. Mgr. Miroslav Brož, Ph.D.
<i>Erasmus+</i>	2021-2022 Ruprecht Karl University of Heidelberg Faculty: Department of Physics and Astronomy Programme: Master of Science Physics
<i>Summer practice</i>	2017 Joint Institute for Nuclear Research International Student Practice in Dubna, Moscow Region Project: Constraining the Neutron Star Mass and Radius Relation Advisor: D.E. Alvarez-Castillo
<i>Bachelor's degree in Physics</i>	2016-2019 Charles University in Prague Faculty: Faculty of Mathematics and Physics Programme: Physics, General Physics Thesis: A study of the long-term brightness and colour variations of the Be star 88 Herculis Advisor: prof. RNDr. Petr Harmanec, DrSc
<i>Primary and secondary education</i>	2003-2016 Etherley lane · St. John's · Na Šutce · Gymnásium Na Vítězné Pláni My primary education was split between England and the Czech Republic. Graduated with honours.

RESEARCH AND PUBLICATIONS

<i>To be published in Astronomy and Astrophysics</i>	<i>Working on.</i> Analytical models and hydrodynamical simulations of the β Lyr A circumstellar disc I am working as the main author, paper will be co-authored by M. Brož.
<i>Astronomy and Astrophysics</i>	Oct. 2022 V1294 Aql = HD 184279: A bad boy among Be stars or an important clue to the Be phenomenon? Co-author in a team of authors as a part of a research project. My role was astronomical observations of the star. https://doi.org/10.1051/0004-6361/202244006
<i>Astronomy and Astrophysics</i>	Feb. 2021 Long-term, orbital and rapid variations of the Be star V923 Aql=HD 183656 Published in a team of authors as a part of an research project studying long-term variability and duplicity of individual classical as well as other Be stars with multi-technique observations. https://doi.org/10.1051/0004-6361/202039740
<i>Hvar Observatory</i>	2018,2019,2020 Astronomical observations at Hvar Observatory Each year a month of photometric measurements at Hvar observatory in Croatia.

Student Faculty Grant 2017
 Project analyzing spectra of V1765 Cyg
 Analysis of data from the Ondřejov Observatory in the Czech Republic as part of a Student Faculty Grant at the Astronomical Institute of Charles University: Pokus o spolehlivé nalezení spektrálních čar sekundáru v soustavě V1765 Cyg.

WORK EXPERIENCE AND TEACHING

PJZŠ Horáčkova 2019-2021, 2022-2023 PJZŠ Horáčkova Physics and Informatics teacher
 Teaching 6th-grade informatics and 7th-, 8th- and 9th-grade physics.

FN Královské Vinohrady 2020-2021 Hospital attendant at FN Královské Vinohrady
 I joined the struggle against the COVID-19 pandemic as a hospital attendant at the First Clinic of Internal Medicine at Královské Vinohrady Hospital.

Salesian Youth Centre 2013-present Educator at Salesian Youth Centre
 Over the years at Salesian Youth Centre in Kobylisy I have led afterschool activities (Historical swordplay), worked as a coordinator during summer programmes, tutored and helped organize events for children.

Tutoring 2015-present Private tutor of mathematics, physics and english

OTHER QUALIFICATIONS

Educator and managment course 2022 Head camp leader course
 Course on work with youth and team management accredited by czech MEYS.

Pedagogical Minimum 2017 JABOK
 higher vocational school of social pedagogy and theology
 Educator of afterschool activities

Paramedic course 2017 ZDrSEM
 Accredited paramedic requalification course: ZDrSEM STANDARD

OTHER NOTABLES

Co-founder of a student club 2019-present Student club ZAZI
 I helped found and now organize the student club ZAZI at the Faculty of Mathematics and Physics

Creating games 2019-present Author of various live action games
 Author and director of games for children and adults: live action role playing games by Baggar (group I helped found), stories for children for Rikki Summer camps.

Student vocational activity 2015 Student vocational activity 1st place.
 Project: Václav Hrabě, Nepřetržitě Blues (An original interpretation of the poetry of Václav Hrabě.)
 Advisor: Eva Podzimková.

European Comenius project 2013-2014 European Comenius project in Greece
 Exchange programme with Greece and Exhibition in Prague's main gallery

OTHER INFORMATION AND SKILLS

Languages ENGLISH · Fluent, CAE diploma with a C2 grade. Childhood in England.
 GERMAN · Fluent, Das Deutsche Sprachdiplom with a C1 grade.
 FRENCH · Basic communication, A1.3 grade
 CZECH · Mothertongue

Computer skills Programming in Python, C, HTML, CSS, Java and Pascal. Experience with Fortran.
 Basic knowledge of parallel programming and machine learning.
 Linux user. Working in LaTeX.

Interests Summer camp coordinator · Mounteneering and climbing · Long-distance treks
 · Travelling · Literature · Cross-country skiing · Running · Jiu-jitsu

November 1, 2023