LAXMAN KANAGARATNAM

University of Vienna — Department of Astrophysics

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EDUCATION

University of Vienna	2024–Present

· BSc Astronomy
· BSc Physics

ETH Zürich	2021–2023

· BSc Physics   (transferred to University of Vienna)

Gymnasium Kirschgarten Basel	2016–2021

· Matura specializing in Physics and Applied Mathematics
· Matura Project: "Determination of Solar Rotation Using Sunspot Observations & Construction of a Telescope Mount", supervised by PD Dr. Matthias Liebendörfer

TEACHING

Teaching Assistant at the Veterinary University of Vienna	2025

· Teaching Assistant for Laboratory Diagnostics II, supervised by Prof. Olga Jovanovic

Teaching Assistant at ETH Zürich	2023

· Teaching Assistant and Senior Coach for Analysis I, supervised by Prof. Alessio Figalli

EXPERIENCE

aCentauri Solar Racing Team at ETH Zürich	2023–2024

· Competitor in the Bridge Stone World Solar Challenge 2023

Physics I Formula Compendium at ETH Zürich	2022–2023

· Co-developed the official LaTeX formula compendium for Physics I (Winter Semesters 2022 & 2023), supervised by Prof. Werner Wegscheider

Matura Project Exhibitor at the University of Basel	2020

· Presented Matura Project at the Saturday Morning Physics Event
· Collaborated with GKGresearch

TECHNICAL EXPERIENCE

Programming	Python
Software	LaTeX, Visual Studio Code, Jupyter Notebook, Excel, Git, TopCat, Muniwin, VStar, Minima27
Operating System	Windows, Linux, MacOS

LANGUAGES

German (native), English (fluent), Tamil (fluent), French (basic)

EXTRACURRICULARS

· Private tutor for mathematics and physics
· Former member of the Chess Club Therwil