



Vincent C. Mader

Curriculum Vitae

Personal Details

Name	Mader, Vincent Christian
City of Birth	Ulm-Söflingen, Germany
Date of Birth	July 11th, 1998
Nationality	German

Education

2020 – 2024	Ruprecht Karl University of Heidelberg , <i>Master of Science in Physics</i> , Heidelberg, Grade: 1.6
2016 – 2020	Ruprecht Karl University of Heidelberg , <i>Bachelor of Science in Physics</i> , Heidelberg, Grade: 2.1
2008 – 2016	Hans-und-Sophie-Scholl-Gymnasium , <i>Abitur</i> , Ulm

Experience

2022 – 2024	Part-Time Staff in the Gastronomy Sector , <i>gastroevents GmbH & Co. KG</i> , Ulm
2022 – 2023	Project Internship: Utilizing Monte Carlo Sampling for the Numerical Integration of the Smoluchowski Coagulation Equation , <i>Institute for Theoretical Astrophysics</i> , Heidelberg
Oct 2022 – Jan 2023	Academic Tutor for Physics Experiments , <i>Ruprecht Karl University of Heidelberg</i> , Heidelberg
Apr 2020 – Jul 2020	Academic Tutor for Physics Experiments , <i>Ruprecht Karl University of Heidelberg</i> , Heidelberg
Feb 2021 – Mar 2021	Academic Tutor for Physics Experiments , <i>Ruprecht Karl University of Heidelberg</i> , Heidelberg
2019	Project Internship: Simulation of Accreting Planets , <i>Max Planck Institute for Astronomy</i> , Heidelberg
since 2015	Physics & Mathematics Tutor for High School Students

Languages

German	Native Language
English	Full Working Proficiency (Bilingual Education at High School)
Italian	Elementary Proficiency (A2 Certificate)
French	Elementary Proficiency
Latin	Latinum

Skills

General	Physics, Mathematics, Computational Physics, Numerical Simulation, Data Analysis, Data Visualization, Software Development, Web Development, App Development
Computer Languages	Python, Rust, JavaScript, sh/bash/zsh, Swift, Dart, HTML, CSS, LaTeX, (& a little bit of C and Java)
Software Tools	Linux/UNIX, Git, Docker, SSH, Vim, Emacs
Social	Team Coordination, Team Leadership, Tutoring, Children

Volunteering

since 2024	Election Committee Member (Wahlausschuss) , <i>DPSG Bezirk Ostalb</i>
since 2022	Chair of Association (Vereinsvorsitzender) , <i>DPSG Ulm-Söflingen</i> , Ulm
since 2019	Scout Group Leader (Gruppenleiter) , <i>DPSG Ulm-Söflingen</i> , Ulm
2022 – 2023	Scout Group Leader (Gruppenleiter) , <i>DPSG Heidelberg-Kirchheim</i> , Heidelberg
2022 – 2023	Cash Auditor (Kassenprüfer) , <i>DPSG Bezirk Ostalb</i>
2013 – 2015	Children's Supervisor , <i>Ruhetal Ulm (two-week summer camp)</i> , Ulm