



# 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

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

### Experience

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

### 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, Shell Scripting, 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

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