

Paul Steimle

Curriculum Vitae

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paulsteimle.github.io

Education

M.Sc. Physics - Heidelberg University, Germany	est. 2025
Specification in Astronomy and Astrophysics	
Year Abroad - University of New Mexico, Albuquerque, USA	2023-2024
B.Sc. Physics - Heidelberg University, Germany	2023
Specification in Astronomy and Astrophysics	
Final Grade: 1.7	
Abitur - Heimschule Lender, Sasbach, Germany	2018
Final Grade: 1.8	

Teaching

Tutor for key competencies during studies	2021 - 2025
Tutor for the beginner physics lab	2021 - 2022

Research

Master Thesis - Dr. Elisabeth Matthews & Prof. Dr. Laura Kreidberg	2024 - 2025
Masters thesis on exoplanet observations & data reduction	
Project Practical - Assist. Prof. Diana Dragomir	2023 - 2024
Adaptions and Development on a Single Transit Event search pipeline for TESS	
Project Practical - Priv. Doz. Dr. Sabine Reffert	2023
Modifications and User Manual for the Radial Velocity Data Reduction Pipeline of the Waltz Spectrograph	
Bachelor Thesis - Priv. Doz. Dr. Sabine Reffert	2022 - 2023
Re-Computation of Precise Radial Velocities of G and K Giant Stars from the Lick Survey with the new Doppler Code pyodine	
Project Practical - Priv. Doz. Dr. Sabine Reffert	2022
Adaptation of a data reduction pipeline for precise radial velocities on the Waltz spectrograph	

Engagement

Buddy programm for first semester students	2022 - 2023
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Relevant Expertise

Languages

German: native speaker

Englisch: C1 (TOEFL IBT 108)

Spanisch: A2 (ZSL Heidelberg)

Tools and Programming Languages

Python: Intermediate - Advanced (numpy, scipy, astropy, emcee, etc.)

Git: Advanced

Latex: Advanced

Java: Basic

Used in Linux, MacOS and Windows

Previous Employment

Bartender - Hotel Mummelsee	2019, 2020, 2024
Metalworker - Erdrich Umformtechnik	2019
Warehouse Clerk - Gummi-Metal-Technik	2018
Metalworker - PWO	2018