

# Johannes Stoiber

MASTER STUDENT IN ASTROPHYSICS · AT LMU MUNICH

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## Education

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### Ludwig-Maximilians-Universität Munich

Munich, Bavaria

MASTER OF SCIENCE IN ASTROPHYSICS

Oct. 2022 - now

- Specializing in theoretical and numerical astrophysics
- Kinematics of Galaxies, Prolate Rotators
- Chemodynamical Properties in Simulated Galaxies

### Ludwig-Maximilians-Universität Munich

Munich, Bavaria

BACHELOR OF SCIENCE IN PHYSICS

Oct. 2019 - Sep. 2022

- Specialization in astrophysics
- Titel of Bachelor Thesis: "Tracing Gas Properties in Merging Galaxy Clusters in *Magneticum*"

### Joseph-von-Fraunhofer-Gymnasium Cham

Cham, Oberpfalz

GENERAL UNIVERSITY ENTRANCE QUALIFICATION

Sep. 2010 - Juli 2019

- Honoured with the DPG Abitur Award for the best performance in physics of the graduating class of 2019
- Seminar paper: "Recording and Evaluation of the Spectrum of the Star Betelgeuse"

## Work Experience

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### Research Assistant at the University Observatory

Munich, Bavaria

UNIVERSITY OBSERVATORY MUNICH

April- Sep. 2023 and March - Oct. 2024

Maintaining and Updating the Cosmological Web Portal: [c2papcosmosim.uc.lrz.de](http://c2papcosmosim.uc.lrz.de)

### Teaching Assistant for "Experimental Physics for Geoscientists"

Munich, Bavaria

LUDWIG-MAXIMILIANS-UNIVERSITÄT MUNICH

Oct. 2022 - Feb. 2023

Teaching Tutorials, creating exam questions and supervising the exam

## Workshops and Conferences

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### Austrian Early Career Conference 2024

Salzburg, Austria

AUSTRIAN SOCIETY FOR ASTRONOMY AND ASTROPHYSICS

08.-09. March 2024

Contributed Poster and Flash-Talk

### IMPRS-HD Summer School

Heidelberg, Baden-Württemberg

MAX PLANCK INSTITUTE FOR ASTRONOMY

Sep. 2023

"Unraveling Galaxy Evolution with JWST"

### DeepLearning.ai

[coursera.org](https://coursera.org)

ONLINE COURSE ATTENDEE

Oct. 2022

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

## Extracurricular Activity

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### Master Students Representative

Munich, Bavaria

UNIVERSITY OBSERVATORY MUNICH

Oct. 2023 - Oct. 2024

- Representing Master's Students at the faculty meeting
- Organizing Internal Conference: Master's Students Science Day
- Organizing orientation events and social gatherings for Master students

## Skills

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**Programming** Experienced: Python, LaTeX | **Beginner:** Julia, C++

**Simulation Codes** **Beginner:** OpenGadget3, Athena++

**Frameworks and Libraries** Experienced: Numpy, Matplotlib, Jupyter | **Competent:** Astropy, Scipy | **Beginner** Tensorflow (Keras)

**Languages** **Native:** German | **Fluent:** English (B2+/C1) | **Beginner:** Latin

Testimonials and certificates will gladly be sent on request.

March 11, 2024/ Munich