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### Personal Information

Given Name Jizhao  
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### Education

10/2022 - Present **M.Sc. Astrophysics**, *LMU München*, Germany  
09/2018 - 06/2022 **B.Sc. Physics**, *Southern University of Science and Technology (SUSTech)*, China  
Note: 90 out of 100 (equivalent to 1.7 in German system)

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### Experience (personal projects)

#### Web Development

- website design, deployment and maintaining, server management, page design, javascript, css and html development.

#### Java Development

- essential java technichs, e.g. Language syntax, object oriented programming, UI design, small game design, etc.

#### Data Analysis

- theoretical and programming skills on statistical data analysis. Including probabilities, hypothesis testing, regression, correlation, power spectrum analysis, etc.

#### Deep Learning

- NN and CNN technics on classification and regression tasks, e.g. picture classification, mass determination from picutures of celestial body, etc.

#### Numerical Methods And Simulations

- important code skills and algorithm on scientific computations and simulations, using physics problems as prompt. Including numerical integration, ODE and PDE, matrix inversion, Monte Carlo simulations, etc.
- classical physics simulations, based on Newtonian dynamics, fluid dynamics, electromagnetics, e.g. 3-body problem, Lagrange points, heat transfer, galaxy collisions, etc.

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### Honors

01/2021 **Silver Medal Winner of The 2020 University Physics Competition**  
- Top 15% out of 346 teams worldwide.

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### Skills

Language Chinese (Native), English (Fluent), German (B1)  
Programming Python, C++, C, Java, html, javascript, Linux, Latex  
Job Interest website developement, AI application, data analysis, code development

Jizhao Qin.