
Personal Information

Given Name Jizhao
Family Name Qin
Birthday 18.09.2000
Nationality Chinese
Address Hanauerstraße 8a, 80992, München
Telephone +49 1522 1050083
Email jizhao.qin@campus.lmu.de
Personal Website jizhaoqin.github.io

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)

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.

Honors

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

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.