Jizhao Qin *Curriculum Vitae*

Personal Information

Given Name	Jizhao
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Education

10/2022 - Present	**M.Sc. Astrophysics**, *LMU München*, Germany Note: 2.3 on average for now
09/2018 - 06/2022	**B.Sc. Physics**, *Southern University of Science and Technology (SUSTech)*, China Note: 90/100 or 1.7
09/2015 - 06/2018	**High School**, *Henan Zhumadian Senior High School*, China Note: 658/750 or 1.9

Experience On Software Development

M.Sc. Astrophysics, for master thesis and courses

Artificial Intelligence and Deep Learning
- Learn how to use Keras to construct a CNN model to do the regression job for detecting the mass of galaxy clusters from their pictures, within a week from zero knowledge of AI.
- Now going to do the master thesis on AI application in astrophysics for estimated a year.

B.Sc. Physics, for courses

Java Development
- Systematically learn Java, including basic syntax, object-oriented programming, inheritance, polymorphism, etc.
- Complete a project to use java to build a small game with GUI.

Self Study for Now

Rust Devolvement
- Spend the spare time on learning a system level, efficient, safe but complicated programming language Rust.
- Do some small projects like rewrite the well-known CLI software "grep" with Rust and make videos about basics of Rust.

Other Expierence

Linux, Git, C++
- Use Ubuntu Linux as major operating system in daily life.
- Use Git very frequently for courses, master thesis, projects and programming language self-study.
- Build complicated code with C++, to do heavily computation required astrophysics simulations.

Honors

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

Skills

Language	English (Fluent), German (B1), Chinese (Native)
Soft Skills	project driven working, group collaboration, problem-solving, reliable, focused
Programming	Rust, Python, Java, Linux, C++, C, Latex
Others	20 hours per week available, on-site or remote available