

# ZHANG ZEKANG

## PERSONAL INFORMATION

<i>Date of Birth</i>	16 May 1997
<i>Address</i>	80 Nandan Rd. Shanghai, 200030 China
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## INTERESTS

Epoch of Reionization; Weak gravitational lensing cosmology; High-z galaxies; Large-scale structure.

## EDUCATION

<i>Master of Astrophysics</i>	2021-2023	Shanghai Astronomical Observatory Shanghai, China Two-year Research
	2020-2021	University of Chinese Academy of Sciences Beijing, China GPA 8.4/10.0
<i>Bachelor of Physics</i>	2015-2019	Jilin University Jilin, China GPA 8.2/10.0

## PUBLICATIONS & EXPERIENCES

<i>Submitted to MNRAS</i>	2022	"Impact of the turnover in the high-z galaxy luminosity function on the 21-cm signal during Cosmic Dawn and Epoch of Reionization"
	2020-2023	Member of the reionization science team of SKA China Constrained the EoR 21-cm signals using high-z galaxy UV LF observation.
	2020-2023	Member of the cosmic shear science team for the Chinese Space Station Telescope Deeply involved in building up an end-to-end pipeline for shear measurement. Developing a new galaxy shape measurement method using Deep Learning technique.

## SKILLS

<i>Programming</i>	PYTHON, L <sup>A</sup> T <sub>E</sub> X, Linux, Matlab
<i>Language</i>	ENGLISH (IELTS 7.0)