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# JICHEN ZHANG

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## Educations

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<b>Doctor of Philosophy (Ph.D.) in Physics</b>	08/2023 to 07/2027
The Chinese University of Hong Kong (CUHK)	Hong Kong SAR, China
<ul style="list-style-type: none"><li>Jockey Club STEM Lab of Astronomical Instrumentation. Supervisor: Prof. Renbin YAN</li><li>Research focuses: Observational astronomy, Galaxy evolution</li></ul>	
<b>Bachelor of Science (B.S.) Major in Physics with Minor in Music</b>	09/2019 to 03/2023
University of California Santa Barbara (UCSB)	Santa Barbara, CA, USA
<b>International Baccalaureate® (IB-DP) + Bilingual Diploma</b>	08/2017 to 05/2019
United World College (UWC)	Changshu, China

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## Experiences

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<b>Undergraduate Researcher</b>	02/2020 to 03/2023
<b>Department of Physics, University of California Santa Barbara</b>	Santa Barbara, CA, USA
<ul style="list-style-type: none"><li>Galaxy Formation and Evolution. PI: Prof. Crystal Martin</li><li>Senior Thesis: <i>Using Balmer Lines to Disclose Star Formation History of Local Galaxy</i></li></ul>	
<b>Research Intern</b>	06/2019 to 09/2019
<b>National Astronomical Observatories of China</b>	Beijing, China
<ul style="list-style-type: none"><li>Stellar-mass Black Holes research. PI: Prof. Lijun Gou</li></ul>	
<b>Summer Intern</b>	06/2018 to 07/2018
<b>Harvard-Smithsonian Center for Astrophysics</b>	Cambridge, MA, USA
<ul style="list-style-type: none"><li>ITC Predoctoral Fellowship, Supervisor: Dr. Xingang Chen</li><li>Studied theoretical cosmology focused on inflation</li></ul>	
<b>Student Researcher</b>	01/2016 to 02/2018
<b>Department of Physics, Tsinghua University</b>	Beijing, China
<ul style="list-style-type: none"><li>Supernova research. PI: Prof. Xiaofeng Wang</li><li>Paper: <i>The study of the birth rate of SNe Ia in the nearby universe</i></li></ul>	

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## Presentations and Publications

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Oral: PKU International PhD Student Forum on the Frontiers of Modern Astronomy	12/2024
Poster: East Asian Young Astronomers Meeting	01/2024
Z. Peng, C. Martin, P. Thibodeaux, <b>J. Zhang</b> , W. Hu, Y. Li, <i>Using KCWI to Explore the Chemical Inhomogeneities and Evolution of J1044+0353</i> , <b>The Astrophysical Journal</b> , 954:214	09/2023
Poster: American Astronomical Society (AAS) 241st Meeting (with travel grant)	01/2023
Finalist: Intel International Science and Engineering Fair (Chinese national delegate)	05/2018
Poster: Annual Meeting of the Chinese Astronomical Society	08/2017
ATel #9984 <i>Spectroscopic Classification of MASTER OT J081506.13+381123.3 as a Type Ia Supernova</i> .	01/2017
Patent: CN203065853U Steam Ironing Brush	2012(expired in 2022)

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## Honors and Awards

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Lee Hysan Foundation Postgraduate Studentship	2023
AAS Committee on the Status of Minorities in Astronomy (CSMA) Micro-Grant	2022
UCSB Undergraduate Research & Creative Activities (URCA) Grant	2022
Axline Fellow, UCSB CCS Summer Undergraduate Research Fellowship	2021
Beijing Mayor's Award for Young Scientist	2018
First award, The Awarding Program for Future Scientists	2017
Nominee, Shing-Tung Yau Science Award (Physics)	2017