

# RESUME OF ZIANG YAN

yanza at phas.ubc.ca

## EDUCATION

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**University of British Columbia, Vancouver** *2017.09-present*

PhD in Physics

Supervisor: Profs. Gary Hinshaw and Ludovic van Waerbeke

**University of British Columbia, Vancouver** *2015.07-2017.08*

Master of Science in Astronomy

Supervisor: Prof. Gary Hinshaw

Major Courses GPA: 92/100

**Tsinghua University, Beijing** *2011.09-2015.07*

Bachelor of Science in Physics

Supervisor: Prof. Charling Tao

Major Courses GPA: 91/100

## RESEARCH EXPERIENCE

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**Research Assistant**, University of British Columbia *2015.09-Present*

**Group Member**, Cosmology Group of Peking University *2014.09-2015.07*

**Undergraduate Research Assistant**, THCA *2013.09-2015.08*

**Summer Internship**, APC *2014.07-2014.08*

**Tsinghua Student Research Training** *2012-2013*

## OTHER EXPERIENCE

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### Teaching Assistant

PHYS 100: Introductory Physics,

PHYS 101: Energy and Waves,

PHYS 118: Electricity, Light and Radiation,

PHYS 159: Introductory Physics Laboratory for Engineers,

ASTR 102: Introduction to Stars and Galaxies

### Grader

ASTR 506: High Energy Astrophysics,

PHYS 521: Group Theory,

PHYS 526: Quantum Field Theory,

PHYS 571: Cosmology

### Book Translation (To Chinese)

*Gravity: A Very Short Introduction*; ISBN: 9787544392730

## LANGUAGE SKILLS

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Mandarin (Mother Tongue), English (Proficient), Japanese (Intermediate), German (Daily conversations), Cantonese (Moderate)

## COMPUTER SKILLS

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<b>Language</b>	Python, Fortran, L <sup>A</sup> T <sub>E</sub> X, C, IDL
<b>Software &amp; Tools</b>	IRAF, CAMB, Emacs

## HONORS

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2020 President's Academic Excellence Initiative PhD Award  
2018 UBC Four Year Doctoral Fellowship  
2016 Physics and Astronomy Graduate Scholarship  
2015 Faculty of Science Graduate Award  
2014 The outstanding academic scholarship of Guanghua  
2013-2015 Tsinghua Xuetaang scholarship  
2013-2015 Member Student of Tsinghua Xuetaang Physics Program  
2012 The outstanding academic scholarship of Zheng Geru