

# RUYI ZHA

Australian National University, Canberra  
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## EDUCATION

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**Australian National University, Canberra, Australia** *April 2021 - Now*  
Doctor of Philosophy Candidate, Engineering and Computer Science majoring in Engineering  
Referee: Professor Hongdong Li  
Topic: neural rendering, medical imaging, 3D vision

**Australian National University, Canberra, Australia** *July 2018 - July 2020*  
Bachelor of Engineering (Honours), major in Mechatronics  
GPA: 6.867/7, Weighted Average Mark: 89.82/100, First Class Honours

**Northwestern Polytechnical University, Xi'an, China** *September 2016 - June 2018*  
Bachelor of Engineering, major in Automation  
GPA: 91.9/100, Ranking: 2/122

## PUBLICATIONS

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**NAF: Neural Attenuation Fields for Sparse-View CBCT Reconstruction** *September 2022*  
*MICCAI 2022 (oral), [link](#)*  
**Ruyi Zha**, Yanhao Zhang, Hongdong Li

## EXPERIENCE

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**Research Intern** *July 2022 - April 2023*  
*Tencent XR Lab, Canberra*  
VR calibration, indoor detection, 3D AIGC

**Research Assistant** *November 2020 - April 2021*  
*College of Engineering and Computer Science, ANU, Canberra*  
3D plant reconstruction

**Summer Research Intern** *November 2019 - February 2020*  
*College of Engineering and Computer Science, ANU, Canberra*  
Person re-identification

## HONORS AND AWARDS

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MICCAI 2022 Student Travel Award *September 2022*

Australian Government Research Training Program Scholarship *April 2021*

First Class Honours - H1 *July 2020*

Summer Research Scholarship *November 2019*

China National Scholarship *October 2017*

## SKILLS

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Python, Pytorch, C++, Matlab