

RUYI ZHA

Australian National University, Canberra
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EDUCATION

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

EndoSurf: Neural Surface Reconstruction of Deformable Tissues with Stereo Endoscope Videos *October 2023*
MICCAI 2023 (Early accept), [link](#)
Ruyi Zha*, Xuelian Cheng*, Hongdong Li, Mehrtash Harandi, Zongyuan Ge

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

EXPERIENCE

Research Intern *July 2022 - April 2023*
Tencent XR Lab, Canberra
VR multi-sensor calibration, 3D indoor scene generation

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

MICCAI 2023 Student Travel Award *October 2023*

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

Python, Pytorch, C++, Matlab