

# ZHUOLAI PAN

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## RESEARCH INTEREST

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Remote Sensing, Glaciology, Polar Climate

## EDUCATION

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**The Pennsylvania State University, University Park** Aug 2020 - May 2022  
M.Sc - Geography

**The Pennsylvania State University, University Park** Aug 2016 - May 2020  
B.Sc - Earth Sciences  
Minor 1: Geographic Information Science 2: Energy Business and Finance

## RELEVANT EXPERIENCE

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**Research Assistant** Sep 2019 - Present  
The Pennsylvania State University, Department of Geography  
• Drainage and filling of supraglacial lakes and their influence on ice sheet dynamics  
• Quantifying surface melt and supraglacial lakes using satellite-based observations

**GIS Intern** July 2019 – Aug 2019  
Lower Paxton Township Harrisburg, PA

**Volcanology Geological Field Camp** June 2018 – Aug 2018  
USGS Hawaii Volcano Observatory / University of Hawaii at Hilo Island of Hawaii, HI

## TECHNICAL SKILLS

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<b>Skills</b>	Python, R, Matlab, Bash, SQL, L <sup>A</sup> T <sub>E</sub> X
	ArcGIS Pro, Google Earth Engine, QGIS, Adobe Creative Suite, Tableau
<b>Languages</b>	Chinese, English

## PRESENTATIONS

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**Penn State University 2020 Undergraduate Research Exhibition** Apr 15-17, 2020  
Dynamics of supraglacial lakes drainage on Amery ice shelf, East Antarctica

## AFFILIATION

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American Geophysical Union, Member 2020 July - Present

## HONORS AND AWARDS

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First Place in Physical Sciences (Penn State University 2020 Undergraduate Research Exhibition)  
Benjamin F. Howell Award in Geosciences  
Dean's List (Fall 2018, Spring 2019, Fall 2019, Spring 2020)

## VOLUNTEER AND INVOLVEMENT

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21st RBC Golf tournament in support of the Multiple Sclerosis Society	Photographer
Canadian Cancer Society – Relay for Life 2018	Floater
Getty Images - iStock	Contributor