# Yue **Pan**

UNDERGRADUATE STUDENT

*School of Geodesy and Geomatics, Wuhan University, Wuhan, Hubei Provinve, P.R.China*

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## Education

| **School of Geodesy and Geomatics, Wuhan University** | *Wuhan, P.R.China* |
|---|---|
| B.S. IN GEOMATICS ENGINEERING | *Sep. 2015 - Exp. Jun. 2019* |

- GPA:3.85/4.00, Rank:2/305

| **Department of land surveying and Geo-informatic, Hong Kong Polytechnic University** | *Kowloon, Hong Kong SAR* |
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| EXCHANGE STUDENT | *Sep. 2017 - Dec. 2017* |

- GPA:3.8/4.0

| **High School Affiliated to Fudan University** | *Shanghai, P.R.China* |
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| SENIOR HIGH SCHOOL | *Sep. 2012 - Jun. 2015* |

- 10 A in High School Unified Examination

## Research Experiences

| **Department of Mecanical Engineering, University of Alberta - Edmonton** | *Edmonton, Canada* |
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| RESEARCH ASSISTANT FUNDED BY CSC & MITACS | *Jun. 2018 - Sep. 2018* |

- Mitacs Globalink Programme 2018
- Supervised by Prof. Martin Barzcy
- Main Focus: Development and testing of a SLAM (Simultaneous Localization and Mapping) system for a wheeled robot
- Project: Comparison of various V-SLAM and L-SLAM solutions

| **State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University** | *Wuhan, P.R.China* |
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| UNDERGRADUATE RESEARCH ASSISTANT | *Sep. 2016 - now* |

- Supervised by Pro. Bisheng Yang and Doc. Zhen Dong
- Main Focus: 3D computer vision, point cloud technology and Lidar application
- Project about pointcloud registration, Landslide Monitoring with Lidar, 3D Object Recognition and Classification
- One paper accepted by conference 3DV 2018 and another one submitted to ISPRS international journal of photogrammetry and remote sensing

| **GNSS research center, Wuhan University** | *Wuhan, P.R.China* |
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| UNDERGRADUATE RESEARCH ASSISTANT | *Apr. 2017 - Sep.2018* |

- Supervised by Pro. Xiaoji Niu
- Main Focus:Low-cost IMU/INS application
- Project: Versatile measurement mobile APP development based on inertial sensors MEMS

## Publication

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| 2018 | **International Conference on 3D Vision (3DV 2018),** Iterative Global Similarity Points: A robust coarse-to-fine integration solution for pairwise 3D point cloud registration, **Yue Pan**, Bisheng Yang, Fuxun Liang, Zhen Dong | *Verona, Italy* |
| 2018 | **Arxiv 2018 (Preprint),** Landslide Monitoring based on TLS: Experiments and Application, **Yue Pan** | - |

## Scholarships & Awards

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|---|---|---|
| 2016 | **Hi-tech Scholarship,** Wuhan University | - |
| 2017 | **Yugang&Songxiao Scholarship,** Wuhan University | - |
| 2018 | **International Exchange Scholarship,** WUhan University | - |
| 2017,2018 | **Honorable Mention,** MCM (the Mathematics Modeling Contest of America) | - |

## Language & Skills

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|---|---|---|
| Language | **English,** TOEFL:100 GRE:325+3 | *Mandarian (Native)* |
| Computer | **Programming Language and Operating System,** C,C++,C#,Java,Matlab,Python,Fortran,Linux(Ubuntu),ROS | - |
| Hobby | **-,** Soccer, Chorus, Clarinet, Cycling, Robot | - |