

Yue Pan

UNDERGRADUATE STUDENT

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

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Education

School of Geodesy and Geomatics, Wuhan University

B.S. IN GEOMATICS ENGINEERING

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

Wuhan, P.R.China

Sep. 2015 - Exp. Jun. 2019

Department of land surveying and Geo-informatic, Hong Kong Polytechnic University

EXCHANGE STUDENT

- GPA:3.8/4.0

Kowloon, Hong Kong SAR

Sep. 2017 - Dec. 2017

High School Affiliated to Fudan University

SENIOR HIGH SCHOOL

- 10 A in High School Unified Examination

Shanghai, P.R.China

Sep. 2012 - Jun. 2015

Research Experiences

Department of Mechanical Engineering, University of Alberta - Edmonton

RESEARCH ASSISTANT FUNDED BY CSC & MITACS

- 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

Edmonton, Canada

Jun. 2018 - Sep. 2018

State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University

UNDERGRADUATE RESEARCH ASSISTANT

- 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

Wuhan, P.R.China

Sep. 2016 - now

GNSS research center, Wuhan University

UNDERGRADUATE RESEARCH ASSISTANT

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

Wuhan, P.R.China

Apr. 2017 - Sep. 2018

Publication

- | | | |
|------|--|---------------|
| 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: A Novel Semi-automatic Workflow, Yue Pan | - |

Scholarships & Awards

- | | | |
|-----------|--|---|
| 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

- | | | |
|----------|--|--------------------|
| Language | English , TOEFL:103(R:30 L:30 S:19 W:24) GRE:325(V:155 Q:170)+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 | - |