



TIAN ZHANG

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Address: 129 Luoyu Road, Wuhan

Interests: *GNSS, Image Processing*

🎓 EDUCATION

Wuhan University (WHU), Wuhan, China

2017 – Present

Master student in Navigation, Guidance and Control, expected June 2020

Wuhan University (WHU), Wuhan, China

2013 – 2017

B.S. in Geomatics Engineering (GE) G.P.A. 3.6/4.0

👤 EXPERIENCE

XIHE SPACE TIME Inc. Wuhan, China

Sep. 2018 – Nov. 2018

Summer Intern Manager: WEIWEI SONG

Brief introduction: Developing a software which helps to process data collected by mobile laser scanning (MLS) system.

- Implemented fast extraction of railroad feature
- Optimized processing time over 53%

Hubei Bureau of Surveying and Mapping;

Jul. 2016 – Aug. 2016

Summer Intern

Brief introduction: Airborne image processing and Investigation of State laws on surveying and mapping

- Airborne image processing and 3D reconstruction of local surroundings
- Investigation of potential logic gaps in State laws on surveying and mapping

⚙️ SKILLS

- Programming Languages: C++ == Python > C > Fortran
- Platform: Linux, Windows
- English: IEITS 7.5(6)

♡ AWARDS AND PAPERS

2nd Prize, China Graduate Contest on Application, Design and Innovation of Mobile Terminal

Oct. 2018

Graduate Entrance Scholarship of Wuhan University

2017

A Fast Algorithm for Rail Extraction Using Mobile Laser Scanning Data

Dec. 2018

DOI: 10.3390/rs10121998

- An automated effective method to detect tracks on the basis of their physical shape, geometrical properties, and reflection intensity feature.