

# Resume

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## Tianjie Zhang

**Gender:** Male

**Date of Birth:** 05/31/1993

**Place of Birth:** ShaoXing, Zhejiang Province, China

**Home Address:** Songxia town, Zhangjia cun 35#  
ShangYu district, ShaoXing city,  
Zhejiang Province, China, 312300

**Business Address:** Da Long Ju Wu 705#,  
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## Education

2016.9-2019.5

**Southeast University**

**Degree:** Master's Degree

**Major:** Transportation Engineering

**Thesis Topic:** Nondestructive Testing in Road Engineering

2012.8-2016.6

**Southeast University**

**Degree:** Bachelor's Degree

**Major:** Highway and Bridge Engineering

## Work Experience

2019.7-Present

**Zhejiang Scientific Research Institute of Transportation**

**Employer:** Zuming You

**Location:** Da Long Ju Wu 705#,  
Xihu district, Hangzhou City,  
Zhejiang Province, China, 310012

**Title:** Assistant Engineer

**Duties:** Scientific Research on Transportation

## Awards and Group Memberships

Academic Scholarship for Graduate Students. (11/2016-6/2018)

Best All-Round Student of Southeast University. (11/2017)

Scholarship for Excellence in Major Courses. (09/2013)

## Publications

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## Papers:

- [1] Xingyu Gu, **Tianjie Zhang**, Xiaowei Wang, Fujian Ni, Xiang Luan. A new strength test method for the aggregate skeleton of asphalt mixture[J]. Highway, 2018,63(06):232-238.
- [2] Gu X Y, **Zhang T J**, Dong Q, et al. Error Correction of Ground-Coupled Antenna in Thickness Measurement Based on Superposition Principle[C]. GeoShanghai International Conference. Springer, Singapore, 2018:335-343.
- [3] **Tianjie Zhang**, Xingyu Gu, Shuwei Li, Xiangrong Xu. Ground penetrating radar numerical modeling for disease detection using COMSOL[C]. 19<sup>th</sup> COTA International Conference of Transportation, July 2019.
- [4] Shuwei Li, Xingyu Gu, **Tianjie Zhang**. Sensitivity analysis of physical parameters of asphalt pavement in ultrasonic testing based on finite element simulation[C]. 19<sup>th</sup> COTA International Conference of Transportation, July 2019.
- [5] Jiawei Yuan, Qiao Dong, **Tianjie Zhang**, Xingyu Gu. Design and performance evaluation of cement enhanced cold patch asphalt mixture[C]. GeoShanghai International Conference. Springer, Singapore, 2018.
- [6] **Tianjie Zhang**. Study on radar wave propagation mechanism and utilization of ground penetrating radar in asphalt pavements[D]. Southeast University, 2019.
- [7] Fengxia chi, **Tianjie Zhang**, Chenchen Xi. Study on Finite Element Frequency Domain of Ground Penetrating Radar for Reducing Interference[J]. Science Technology and Engineering,2020,20(30):12570-12575.

## Patents:

- [1] Xingyu Gu, Xiaowei Wang, **Tianjie Zhang**. An instrument for detecting the percolation coefficient of pavements with large air-void[P]. CN106525689B, 2020-02-21.
- [2] Xingyu Gu, **Tianjie Zhang**, Qiao Dong, Shanshan Tu, Fujian Ni. A method for error correction of ground-coupled antenna in thickness measurement[P]. CN107894219B, 2019-11-08.

## Travel History

Japan (2018)

Thailand (2019)

## Travelling With

None