Yi Yu

Research Interests：Traffic State Identification; Traffic Flow Theory; Intelligence Traffic;
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EDUCATIONAL BACKGROUND

Period	Degree	Institution	Field	Notes	
2017.09 - (2022)	**PhD**	**Zhejiang University**	Transportation Engineering	GPA 92.2/100	Rank 3/53
2020.12 - (2022)	**JT**	**Imperial College London**	Transportation Engineering	Joint Training PhD Program	
2013.09 - 2017.06	B.S.	Zhejiang University	Civil Engineering	GPA 3.72/4.0	Recommend
2013.09 - 2017.06	Minor	Zhejiang University	Law	GPA 3.78/4.0	Graduates
2019.08 2018.08	Ex	University of Tokyo etc.	University of Toronto etc.	Academic Seminar & Present	
2014.01 - 2014.02	Ex	York University		Academic & Culture Lecture	

SKILLS AND HOUNORSHIP

TOEFL: 103 (R28 L25 S22 W28)   CET-6 501   SQL Python MATLAB   VISSIM TransCAD ARCGIS   Badminton

- 2nd prize in National Civil Engineering Undergraduate Innovation Contest • Excellent (Postgraduate) Student Award (*2)
- 3rd prize in 11th 'Challenge Cup' College Student Entrepreneur Competition in ZJU • ZJU Outstanding Volunteer Student
- Outstanding Student Leader Rewards • 2nd prize in 3rd Career Planning Contest & 17th Structure Design Contest of ZJU

PUBLICATIONS

Title	Type	Author	Status
Copula-based Travel Time Distribution Estimation Considering Channelization Section Spillover	SCI	1st	Published
Identifying Traffic Clusters in Urban Networks Based on Graph theory Using LPR Data	SCI	1st	Under review
Does a denser road network operate better? A theoretical analysis based on traffic efficiency	SCI	2rd	Under review
Urban Traffic State Identification based on Automatic Number Plate Recognition Data (4 more)	Patent	1st	
Urban Traffic Big Data Analysis System Intelligent Recruitment Platform in Construction	Software		

PROJECT EXPERIENCE

Traffic State Identification & Safety Status Model in Project '**City Brain-ITS**' in City Hangzhou   Main Member
Estimation of **Road Network Traffic Status** in Guiyang based on Multi-source Heterogeneous Big Data   Main Member
"Urban Traffic Intrinsic Characteristics Acquisition Based on Multi-source Heterogeneous Big Data" supported by **NSFC**
Student Research Program in Zhejiang Province 'Mechanism of Piezoelectric Energy in High-Speed Wind'   Main Member
Student Quality Training Project 'A Survey and Research of Ancient Building Protection' in Zhejiang University

CAMPUS ACTIVITIES

2017.09 - 2018.10	College Youth Media Center	Chairman	**Information Sensitive**

- Operate WeChat Official Account-CCEA youth, interview excellent alumnus, report new year and graduation parties, serving as *the first online integrated propaganda channel* and loved by the students in our college.

2016.09 - 2017.09	ZJU BIM Club	Core Member	**Subjective Innovation**

- As one of the establishing members, bring about club foundation and facilitated the cooperation with Greentown China, benefiting hundreds of students for awards and extension for undergraduate courses.

INTERNSHIPS & PRACTICE

2020.06 - 2020.10	Didi Chuxing Technology Company	Algorithm & Data analysis

- Mine cheating scenarios, build anti-cheating algorithms, analyse business security, and produce 4 patents.

2014.07 - 2014.08	Rural Education Program in Meilin Town, Ningguo City	Main Member

- On charge of Physics and Math courses, and solve their learning and living difficulties with full enthusiasm

PERSONAL CHARACTERISTICS

Curiosity, Optimism, Outgoing, Passionate

- Took a minor in Law out of curiosity and love for various types of law, and get a full grade in Criminal Course

Agile Thinking, Learnable and Desire for Knowledge

- Change major from Civil to Transportation Engineering, and get 92.2 in GPA without learning pre-courses