Yuanwen Yue
UNDERGRADUATE STUDENT

School of Resource and Environmental Sciences,Wuhan University,Wuhan,Hubei Province,P.R.China

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Education

School of Resource and Environmental Sciences, Wuhan University *Wuhan, P.R.China*
B.S. MAJOR IN GEOGRAPHICAL INFORMATION SCIENCE & MINOR IN COMPUTER SCIENCE *Sep. 2016 - Exp. Jun. 2020*
- GPA: 3.81/4.00

Research Experiences

Department of Civil and Environmental Engineering, University of Alberta *Edmonton, Canada*
RESEARCH INTERN FUNDED BY CSC *July. 2019 - PRESENT*
- CSC & University of Alberta Internship Program 2019
- Supervised by Prof.Karim El-Basyouny
- Project: Automated Extraction of Road and Roadside Features from LiDAR Data

State Key Laboratory of Information Engineering in Surveying,Mapping and Remote Sensing, Wuhan University *Wuhan, P.R.China*
RESEARCH ASSISTANT *Sep. 2017 - PRESENT*
- Supervised by Prof.Bisheng Yang and Dr.Jianping Li
- Main Focus: UAV laser scanning, 3D computer vision
- Project about the design of UAV laser scanning system and its application in forestry

School of Resource and Environmental Sciences, Wuhan University *Wuhan, P.R.China*
RESEARCH ASSISTANT *Oct. 2017 - PRESENT*
- Supervised by Prof.Teng Fei
- Main Focus: Augmented reality, location based service and mobile GIS
- Project: Design of location based augmented reality system

Publications

2019   **Integration of A Low-cost Multisensory UAV System for Forest Application**, ISPRS - International Archives of the Photogrammetry,Remote Sensing and Spatial Information Sciences, Li, J., Yang, B., Cong, Y., Li, S., and **Yue, Y**.

2019   **Design of Social Network System Based on Augmented Reality and Geo-fencing**, Journal of Geomatics (Under Review), **Yue, Y.**,Wang, Y., Kang, Y., Wu, K., Fei, T.

2019   **Demand Prediction of Dockless-Based Sharing-Bike Service in Multiple Spatial Units**, Submitted to ACM SIGSPATIAL 2019, Kang, Y., Li, X., Gao, S., Xu, X., Chen, X., **Yue, Y**.

Honors & Awards

2019   **Meritorious Winners (TOP 8%)**, Interdisciplinary Contest in Modeling (ICM) *U.S.A*

2019   **Scholarship of CSC & UAlberta for Undergraduate Internship (30 students from P.R.China)**, China Scholarship Council *P.R.China*

2018   **First Prize & Most Valuable Investment Prize (TOP 1%)**, 16th SuperMap Cup GIS Contest *P.R.China*

2018   **Best Innovation Award (TPO 10 out of 4127 teams)**, 7th China Software Cup-Software Design Competition for College Students *P.R.China*

2018   **Academician Chen Yongling Science and Technology Innovation Scholarship for Outstanding Students (2 students in School of Resource and Environmental Sciences)**, Wuhan University *P.R.China*

2018   **First-class Undergraduate Scholarship (TPO 5%)**, Wuhan University *P.R.China*

2018   **Honorable Mention**, Esri GIS Contest for Chinese College Students *P.R.China*

2018   **Honorable Mention**, 10th China (Shenzhen) Innovation Entrepreneurship Competition *P.R.China*

2018   **Outstanding Volunteer for Luojia International Summer Program**, Office of International Affairs, Wuhan University *P.R.China*

2017   **National Encouragement Scholarship for Outstanding Undergraduates**, Wuhan University *P.R.China*

2017   **Guangzhou Alumni Association Scholarship**, Alumni Association of Wuhan University *P.R.China*

Funding & Grants

Automated Extraction of Road and Roadside Features from LiDAR Data

PRINCIPLE INVESTIGATOR

- CSC & University of Alberta Internship Program for Undergraduates of China
- Funding Number: 201806270490
- CNY ¥28500 (CAD $5400)

Canada

July. 2019 - PRESENT

What can augmented reality technology do to clean up the city skyline?
——Reappearance of building billboards based on AR technology

PRINCIPLE INVESTIGATOR

- National Training Program of Innovation and Entrepreneurship for Undergraduates of China
- Funding Number: 201810486121
- CNY ¥11000 (USD $1600)

P.R.China

Mar. 2018 - PRESENT

Software Coryright

Short Information Sharing Software Based on Augmented Reality : ici

PRINCIPLE INVESTIGATOR

- Copyright Number: 2019SR0292337

P.R.China

2019

Services

WHU Association of Volunteers for the International Communication (AVIC)

VICE PRESIDENT

- Organize activities for foreign visiting students, such as Luojia international summer program.
- Assistant in Chinese traditional culture courses, such as Tai Chi.

Wuhan, P.R.China

Sep. 2018 - June. 2019

Skills

Programming	C/C++,JAVA, JavaScript, Matlab, Python, Swift, PHP, SQL
Softwares & Packages	PostgreSQL, Tomcat, ARKit, OpenCV, PyTorch
GIS Skills	ArcGIS, Openlayers, PostGIS, CorelDraw
Operation Systems	Linux (Ubuntu), MacOS, Windows