

# Enyu Li

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## SUMMARY

- 2 years project experience in traffic operation, signal control, emission estimation, geometric design and safety impact evaluation.
- Hands on experiences with MicroStation, ArcGIS, MOVES, and general MS Office applications including Word, Excel, Power Point and Outlook; Familiar with Synchro, HCS, INTEGRATION, and SSAM
- Excellent teaching, presentation and communication skills
- Over 8 years of diverse working experiences, including teaching, research, organization, and multiple volunteer experiences

## EDUCATION

<b>M.S.</b>	<b>Transportation Planning and Management</b>	Texas Southern University	May, 2014
	<ul style="list-style-type: none"><li>▪ GPA 3.82/4.0</li><li>▪ Intelligent Transportation Society (ITS) Texas Scholarship</li><li>▪ Graduate Research Enrichment Awards</li></ul>		
<b>M.S. Candidate</b>	Biology	Texas Southern University	Jan, 2010 - May, 2012
<b>B.S.</b>	Biotechnology	Guangxi University, China	2004

## EXPERIENCE

### Internship Feb, 2014 - Present

Traffic Operations Division, Public Works and Engineering Department, City of Houston, Houston, TX

- Assisting Traffic Impact Analysis review
- Assisting development of GIS layers to catalogue various traffic assets
- Assisting the Traffic Count Section
- Preparing work orders to install signing/stripping at trail crossings

### Graduate Research Assistant Jun, 2012 –Present

Department of Transportation Studies, Texas Southern University, Houston, TX

Research Projects:

- **Systematical Evaluation of the Impacts of Traffic Condition Information on the Reduction of On-Road Mobile Emissions (TranLIVE University Transportation Center)**  
*Duties: Literature reviewed; Field study; Collected second-by-second speed profile data from GPS; Estimated the pollutant level by using MOVES at project level; Analyzed the relationship between the congestion level and on-road emission.*
- **Design and Scope of the Impacts of Auxiliary Lanes (TXDoT 0-6706)**  
*Duties: Field study; Collected and analyzed traffic volume and average speed data from Houston TranStar; Evaluated the safety impact by using SSAM.*
- **Evaluation of the Use of Existing Public Rights-of-Way for High-Speed Rail or Other Infrastructure (TXDoT 0-6698)**  
*Duties: Used ArcGIS to exam the potential High-Speed-Rail stations location in four cities, including Houston, San Antonio, Dallas and Laredo; Calculated and compared the travel time of different mode between these four cities; Prepared and presented final report.*
- **Safety Performance of Different Types of Freeway Weaving Segments (SWTRC)**  
*Duties: Field study; Collected and analyzed traffic volumes and average speed data from Houston TranStar.*

### Graduate Teaching Assistant Oct, 2009 -Oct.2011

Department of Biology, Texas Southern University, Houston, TX

- Tutored undergraduate students for General Biology
- Research Projects: The Effect of Microgravity on Yeast (NASA)

## High School Teacher

Aug.2004 -Jul.2009

#1 High School, Liuzhou, Guangxi, China

- *Best Coach Award, 2008, Guangxi Province Regional Olympic Competition in Biology.*
- *Best Coach Award, 2008, Guangxi Province High School Science and Technology Creativity Competition.*
- *1<sup>st</sup> place, 2007, 11<sup>th</sup> City of Liuzhou Young Teachers Teaching Skill Competition.*

## Volunteer (Nature Center Presenter, Hiking Trail Leader)

Jan, 2013 - Present

Brazos Bend State Park, Texas Park & Wildlife Department, Needville, TX

## Volunteer (Translator, Editor)

Jan, 2010 - Present

YYeTs Subtitle Group, Online

## ASSOCIATION

<b>Vice President</b>	ITE (Institute Transportation Engineers) Texas Southern University Chapter	Sep.2013 – Present
<b>Member</b>	WTS (Women's Transport Service) International	Dec. 2013 - Present
<b>Member</b>	Dean's Office Student Advisory Council, College of Science and Technology, Texas Southern University	Sep.2012 - Present
<b>Member</b>	ITS (Intelligent Transportation Society of Texas) Texas Southern University Chapter	Aug.2012 - Present
<b>Treasurer</b>	Chinese Oversea Transportation Association Texas Southern University Chapter	Aug.2012 - Present
<b>Treasurer</b>	Chinese Students and Scholars Association Texas Southern University Chapter	Aug.2012 - Present