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# YANZHI (ANN) XU

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## OBJECTIVE

To obtain a summer internship as a consultant where I can apply my experience and skills in transportation engineering and planning and explore long-term career opportunities.

## SUMMARY OF QUALIFICATIONS

Meticulous researcher skilled in value pricing policy and travel behavior analysis. Proficient in ArcGIS, SPSS, CUBE and MS Office. Proven analytical and communication capabilities conducting data analysis for the multi-year Commute Atlanta Value Pricing project and presenting results in 2008 Transportation Research Board Annual Meeting. Highly motivated in the profession, serving as the student leader in ITE and WTS.

## EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

August 2006 - Present

MS/PhD in Transportation Systems Engineering (Anticipated May 2010)

GPA: 4.0/4.0

### Research Areas:

Value pricing, travel behavior analysis, public involvement, and vehicle activity monitoring.

### Courses:

- Engineering Analysis: Traffic Engineering, Geometric Design I - Intersections, Geometric Design II - Freeway Interchanges, Traffic Flow Theory, Travel Demand Analysis, Statistics in Transportation, Linear Regression
- Planning: Urban Transportation Planning, Introduction to Geographic Information System
- Policy: Transportation, Energy and Air Quality, Transportation Administration and Policy

PEKING UNIVERSITY, Beijing, China

September 2002 - June 2006

Summa cum laude

Bachelor of Science in Environmental Science with a dual degree in Statistics

GPA: 3.6/4.0

**PROFESSIONAL EXPERIENCE**

GEORGIA INSTITUTE OF TECHNOLOGY

August 2006 - Present

***Research Assistant***

- Poster presentation on Commute Atlanta Value Pricing Project Case Studies at the 2008 Transportation Research Board Annual Meeting.
- Principle analyst of Commute Atlanta, a multi-year pricing project, utilizing statistical and Geographic Information System software to analyze about 1.8 million vehicle trips.
- Designed an innovative case-study approach to examine the household behavioral response to the pricing scheme and demographic changes.

**COMPUTER SKILLS**

- Transportation: CUBE, Highway Capacity Software (HCS)
- Geospatial: ArcGIS, ERDAS IMAGINE
- Statistical: SPSS, SAS
- Programming and others: C/C++, Matlab, MS Office

**EXTRACURRICULAR ACTIVITIES**

INSTITUTE OF TRANSPORTATION ENGINEERS

April 2007 - Present

***Vice President, Georgia Institute of Technology Student Section***

- Organized various activities with other officers, including inviting guest speakers from consulting firms and government agencies, and recruited fellow students for social events.
- Managed logistics of members' trips to 2008 TRB Annual Meeting.

WOMEN'S TRANSPORTATION SEMINAR

September 2007 - Present

***Chair of Membership and Recruitment Committee, Georgia Institute of Technology Chapter***

- Responsible for building membership and sharing information about the transportation department.

***Member, Atlanta Chapter***