

## Yongxin Peng

Street Address: Apt1902, 1601 Holleman Dr  
College Station, TX, 77840

Phone: 9799859441  
Email: peng1282@tamu.edu

---

**PURPOSE:** Looking for Intern or Entry level transportation engineering job after May 2018.

### SKILLS

Software:

- Micro Office Suite, AutoCAD, AutoCAD Civil 3D, HCS, VISSIM, TSIS/CORSIM, Synchro, PASSER II, TransCAD, JMP, ArcGIS, R, Python, SAS

Language Proficiency:

- English (Professional), Mandarin (Native)

### EDUCATION

**Texas A&M University**, College Station, Texas

Aug.2016-Present

Master of Engineering in Civil Engineering (Transportation Engineering)

GPA: 3.66

**Related Course Taken:**

Traffic Engineering – Characteristics

Engineering & Planning Urban Transportation

Statistical Analysis

Traffic Engineering – Operation which focuses on Traffic Signal Timing Plan

Advanced Civil Engineering System

Highway Design

Urban Traffic Facilities

Statistical Computation

Methods of Applied Mathematics I

**Northeast Forestry University (NEFU)**, Harbin, China

Sept.2012-July.2016

Transportation Engineering Department

Bachelor of Engineering in Traffic Engineering

GPA: 3.32

### EXPERIENCE

**Urban Traffic Facilities, Texas A&M University**

Fall, 2017

*Team Member*

- Evaluate the Operational Performance for AM Peak Hour: George Bush Dr., Luther St., and Harvey Mitchell Pkwy.
- Using Synchro to analyze the performance of 4 new designs on this highway segment.
- Super Street is one of the designs.
- Future case is in consideration.

**Highway Design, Texas A&M University**

Spring, 2017

*Team Member*

- Using AutoCAD Civil 3D to build a new design to improve I45 Frontage Road.
- Changing the frontage road from two-way road to one-way road.
- Timing plan is considered.
- Pavement design is considered.
- Economy analysis is considered.

## **Yongxin Peng**

Street Address: Apt1902, 1601 Holleman Dr  
College Station, TX, 77840

Phone: 9799859441  
Email: peng1282@tamu.edu

---

### **Traffic Engineering – Characteristic, Texas A&M University**

Sept. 2016-Nov. 2016

#### *Team Member*

- Collect traffic arrival time and gap acceptance data, the arrival time and the headway distribution is analyzed.
- Speed data is collected by LIDAR gun and speed distribution is analyzed.
- Travel time and delay time are collected by GPS, intersection delay and level of service on arterials are analyzed.
- Traffic stream model is developed using real-world data.

### **Traffic Engineering Research Office, Traffic College, NEFU**

May. 2016-July. 2016

#### *Investigation Team Leader*

- Investigated occupancy of private cars in Harbin.
- Transportation department of government of Harbin used those occupancy data to decide the permit for car sharing program and decide to build HOV in Harbin.

### **Sichuan Huajian Road and Bridge Group Co., Ltd.**

Mar. 2016-Apr. 2016

#### *Intern, Loftsmen, Surveying Department*

- Assisted with lofting in road construction.
- Data for engineering graphics is imported and exported by using GPS.
- Used AutoCAD 2013 to check and modify design mistakes.

### **Xuanhan County Transportation Bureau, Office of Key Projects**

Aug. 2015-Sept. 2015

#### *Intern*

- Assisted the supervisor to sort out documents and conduct site inspection.
- Assisted designers of “Dongxiang Town - Qingxi Township highway” in road surveying, data recording, AutoCAD graphing, etc
- 

### **Traffic Engineering Research Office, Traffic College, NEFU**

Apr. 2015-May. 2015

#### *Investigation Team Leader*

- Investigated the traffic volumes, overall vehicle speeds, and traffic density at three major crossroads in Harbin and completed an analytical report.
- Investigated the parking turnover rate and peak hour volumes of each parking lot on campus and provided data basis for parking lots reconstruction planning.
- Investigated the passenger flow at entrances and exits of Subway Line 1 of Harbin.

### **Zhaozhou County Transportation Planning Office**

Apr. 2014-May. 2014

#### *Leader of the 4th Statistics Team in the Research Office*

- Conducted statistical analysis of travel behavior based on questionnaires finished by permanent residents of Zhaozhou County and gave advice on future planning.

## **ACTIVITIES**

### **Volunteer at the testing sites for National Higher Education Entrance Examination**

- Entrances and exits planning and control, traffic guidance, emergency handling.

**Clubs Evening held by NEFU Federation of Student Clubs**

- Liaison between clubs, performances arrangement, implementation monitoring and report writing.
- Annual Outstanding Member of NEFU Federation of Student Clubs.

**Red Cross First Aid Training**

- Received training on various first aid treatment and qualified for first-aiders.