

RAJESH KAPHLE, EIT
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CAREER GOAL

To further my experience and knowledge in the field of transportation engineering

PROFESSIONAL EXPERIENCE

Graduate Research Assistant University of Texas at San Antonio	Aug 2016 to Present San Antonio, Texas
<ul style="list-style-type: none">Thesis on asphalt pavement materials for mitigating urban heat island effects	
Grader-II University of Texas at San Antonio	Sep 2016 to Present San Antonio, Texas
<ul style="list-style-type: none">Grading and Tutoring the undergrad students for the Engineering Economics course	
Civil Engineer Government of Nepal, National Planning Commission	Feb 2016 to April 2016 Nepal
<ul style="list-style-type: none">Worked for “Earthquake Building Damage Assessment and Data Collection for Nepal Housing Reconstruction Program”	
Civil Engineer Health Research and Social Development Forum	June 2015 to July 2015 Nepal
<ul style="list-style-type: none">Conducted structural damage assessment of the school buildings at different parts of Nepal’s Ramechhap district, one of those devastated by massive 2015 earth-quake	

EDUCATION

2016-2018	Master of Science in Civil Engineering University of Texas at San Antonio Grade: 4.0 (current) Expected graduation: May,2018
2010-2014	Bachelor of Engineering in Civil Engineering Tribhuvan University, Institute of Engineering, Nepal Grade: First Division
Advanced Courses	Finite Element Method, Adv. Char. of Highway Materials, Pavement Management, Adv. Geometric Design, Adv. Pavement Analysis and Design, Mechanical Behavior of Materials

AWARDS

2017-2018	Dwight David Eisenhower Transportation Fellowship (DDETFP) Federal Highway Administration, Universities and Grants Programs (U & GP)
2016-2018	Robert McDermott Engineering Stipend to study MS in Civil Engineering University of Texas at San Antonio, USA
2010	Nepal Government Scholarship to study Bachelor’s in Civil Engineering Tribhuvan University, Nepal

PERSONAL INFORMATION

- Strong skills in computer programming, communication and interpersonal skills
- Strong laboratory skills (Superpave testing of asphalt binders and mixtures)
- Exposure to InfoPave for LTPP data retrieval
- Eager to take on new responsibilities and challenges
- Enjoy working in teams and a good team player

PROFESSIONAL MEMBERSHIP

- Texas EIT (NCEES ID #18-053-01)
- Nepal Engineering Council. Member Regd. #28033,
- American Society of Civil Engineers (ASCE), Member ID# 10930040
- The Honor Society of Phi Kappa Phi, Member ID# 12583735
- The Institute of Transportation Engineers (ITE), Member ID# 1068948

DATA ANALYSIS AND REFERENCE SKILLS

- Auto CAD, Civil 3D, Micro Station, Solid Works, ArcGIS, MATLAB, ABAQUS, ME-PDG, Tx-ME
- Microsoft Office packages with Basic programming in Excel
- Familiar with asphalt material related transportation codes and standards; ASTM and AASHTO
- Knowledge on the geometric design of highways; GREEN BOOK and MUTCD