

2010 Kaplan Transportation Engineering and Safety Internship

Job Description

The successful candidate will shadow TSRC engineers and gain experience and exposure to the activities of the NJDOT Bureau of Traffic Engineering and Investigations, NJDOT Bureau of Safety Programs, and TSRC. Intern will report to the NJDOT in Trenton, NJ daily.

Responsibilities

Under the advisement and direction of experienced engineers, Bureau of Traffic Engineering and Investigations and the Bureau of Safety Programs, the intern will assist in:

- Conducting as-built and other field investigations, data analysis and modeling,
- Assist in the design process of upgrades to signalized and un-signalized intersections, roundabouts, interchanges, and crosswalks on the state highway system throughout NJ.
- The intern will also be expected to attend safety impact teams, Transportation safety related community workshops, and meetings with county and local officials and police departments.
- The intern will learn and become efficient in the use of Plan4Safety – the state’s crash data analysis program. They will assist in mining and analyzing crash data for use in various resource and project endeavors.

Qualifications

- Must be undergraduate junior or graduate student pursuing traffic engineering degree. Must be in good standing, pursuing a BS/BE/MS degree at an ABET accredited university civil engineering program.
- Must possess a valid driver’s license and be willing to travel to field sites using all required safety equipment, procedures and practices.
- General knowledge in the following areas is a plus: traffic engineering theory and safety.
- Ability to communicate effectively with supervisor, external agencies and general public.

Availability: This position requires a commitment of 20-30 hours per week, Monday through Friday, starting first week of June and ending in late August.

Compensation: \$10 - \$15 per hour, depending upon qualifications

To Apply

Forward a cover letter and resume to: scweiss@rutgers.edu by May 26, 2010.

Only those candidates with sufficient experience and qualifications will be contacted for an interview no later than May 27, 2010.