

Employment Opportunity: Intelligent Transportation Systems (ITS) Systems Analyst/Engineer

Consensus Systems Technologies (“ConSysTec”)
Headquarters: 200 East 89th Street, Unit 34A, New York, NY 10128-3406
Robert S. Jaffe, Ph.D., CSEP
Principal
rsj@consystec.com; www.consystec.com

ConSysTec (Consensus Systems Technologies Corp., www.consystec.com) is a small Systems Engineering consulting firm, specializing in systems engineering for Intelligent Transportation Systems (ITS).

Role: Entry Level Systems Analyst/Engineer. This position will have the opportunity for professional development with mentoring from experienced professionals who are recognized as the leaders in the industry.

Status: MUST be a US citizen or Permanent Resident/Green Card holder. No exceptions.

Education: BS or higher in Electrical Engineering, Transportation Engineering, or equivalent technical/STEM major.

Experience: Is a plus, but not a requirement

Location: New York City Metropolitan region.

Attitude: MUST be a self-starter and able to complete assignments independently.

Responsibilities:

- Perform systems engineering analyses for ITS projects. Review planning and project documents, engage stakeholders to determine their transportation needs, derive requirements for specifications, and develop high level designs.
- Assist the development and maintenance of regional ITS architectures by engaging stakeholders, and using Microsoft applications to document the details.
- Assist the development of data specifications, ITS communications standards and connected vehicle (CV) standards for transportation systems.

Computer skills: Must be excellent. Able to use Microsoft Excel and Access databases. Able and willing to learn new computer languages and technologies as needed. For example, we have developed scripts and software using Visual Basic for Applications (VBA), Microsoft Access, Python, SQL, and PHP. Familiarity with SNMP, XML, REST/JSON is also a plus. We also maintain a web site, so ability to navigate HTML is a plus.

Language skills: English must be excellent. This position will require engaging with stakeholders to understand and document user and systems requirements. Ability to write detailed technical documents is required.

Work Environment: ConSysTec has a flexible work location program. Most employees choose to work in a home office. Younger professionals will work with senior staff 2 days a week. The company 100% supports home offices with the cost/expense of computer hardware, high speed internet connections, etc.

Business travel can be frequent, and is NOT optional. All reasonable and actual costs are reimbursed.

Compensation: Dependent on qualifications and experience.

Benefits: For full-time employees: 100% company paid medical/dental insurance + 100% company paid profit sharing (qualified retirement account) + vacation. This is an exempt W-2 (not 1099) position.

ConSysTec will reimburse for costs for successful certifications (EIT, PE, CSEP) of benefit to the company.

Instructions: Email to rsj@consystec.com:

1. Attach a 1-page maximum cover letter in PDF format including your salary requirements and explaining why you're a good fit for this job.
2. Attach a current resume in PDF format.
3. Attach a sample of your original technical writing (a paper, report, technical essay, article, or other technical material) in PDF format.
4. DO NOT CALL! If you have questions, please email them.
5. After your email and attachments are reviewed, qualified potential candidates will be contacted for interviews to be held first by phone (up to one-hour), and if chosen for further consideration then for a 2-hour interview. Date / time TBD. If you are traveling from outside of NYC (once pandemic restrictions are over), your reasonable, actual, and documented travel costs will be reimbursed.

Thank you and good luck.