

ITS Systems Analyst/Engineer

Consensus Systems Technologies (ConSysTec) is a New York MBE-certified consulting firm, specializing in systems engineering for Intelligent Transportation Systems (ITS). We are nationally recognized experts in ITS architectures and ITS standards.

We are looking for a candidate in the New York City Metropolitan region to grow their career with our firm. We are a hybrid workplace, with an office in midtown Manhattan, and opportunities for remote work. The successful candidate will be asked to work with other team members on a variety of ITS projects. The types of projects that our clients engage us in include:

- Develop and manage transit related data and information
- Perform systems engineering analyses for multi-modal ITS and connected vehicle projects
- Develop and test national ITS, connected vehicle, and mobility standards
- Develop and maintain regional ITS architectures
- Develop national implementation guidance documents for deploying connected vehicle applications
- Develop and provide training on ITS topics, including project management for transit

RESPONSIBILITIES

Responsibilities for the successful candidate include working on a team to:

- Develop concept of operations documents by engaging regional and national stakeholders to collect and document their transportation needs
- Derive requirements for specifications and ITS standards based on the transportation needs
- Develop high level designs for ITS deployments
- Develop detailed design for ITS and connected vehicle communications standards
- Validate and verify ITS and connected vehicle communications standards, including the development of test documentation
- Develop and maintain regional ITS architectures, including developing hyper-linked web pages
- Quality check and manage transit service data sets
- Develop and provide training courses on specific ITS topics
- Occasional business travel to engage clients and stakeholders
- Manage tasks or projects

REQUIREMENTS

- MUST be a US citizen or Permanent Resident/Green Card holder
- BS or higher in Transportation/Civil Engineering, Electrical Engineering, or equivalent technical/STEM major
- 4+ years working experience, with the ability to manage tasks and small projects
- Experience with ITS, transportation, or transit are a plus
- Business travel on occasion
- A PE license is also a plus
- MUST be a self-starter and able to complete assignments independently
- Intermediate knowledge of Microsoft Excel and Microsoft Access

- Familiarity with Visual Basic for Applications (VBA), HTML, SNMP, and other computer languages are a plus
- Spoken and written English must be excellent

BENEFITS

- 100% company paid medical, dental insurance
- 401(k) Retirement Plan with company match
- Profit sharing plan
- Paid Time Off
- All reasonable and actual costs for a home office and business travel are reimbursed
- Reimbursement for costs for successful certifications (EIT, PE, CSEP, PMP) of benefit to the company
- Opportunity to engage with national stakeholders and experts
- Attend professional conferences

COMPENSATION

Dependent on the qualifications and experience of the candidate

INSTRUCTIONS

Email Robert Jaffe at 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 in NYC. If you are traveling from outside of NYC, your reasonable, actual, and documented travel costs will be reimbursed.