

Senior-level ITS Transportation Systems Analyst/Engineer

Consensus Systems Technologies (“ConSysTec”)
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Consensus Systems Technologies is a highly specialized Intelligent Transportation Systems (ITS) consulting firm with expertise in Connected Vehicles (CV) and ITS standards development, systems engineering, regional ITS architectures, and transit/mobility data sharing (such as GTFS). We are looking for a senior-level candidate in the New York City Metropolitan region to join our small, nationally recognized ITS consulting firm. We offer a hybrid workplace with an office in midtown Manhattan. The types of projects our clients engage us in include:

- Performance of systems engineering analyses for multi-modal ITS and CV projects
- Development, testing and maintenance of national ITS, connected vehicle, and mobility standards
- Development and maintenance of regional ITS architectures
- Development of national implementation guidance documents for deploying CV applications
- Development and management of transit- and mobility-related data and information

You will lead the technical delivery of highly visible projects to state DOTs, regional and local agencies, and transportation operators. We give senior professionals direct ownership over complex problems that requires problem solving, people management, innovation, and initiative.

RESPONSIBILITIES

Responsibilities for the successful candidate include working as a project manager or a subject matter expert in 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 client- and stakeholder transportation needs
- Develop high level designs for ITS deployments
- Develop detailed design for ITS and CV communications standards
- Validate and verify ITS and CV 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
- Lead interviews with ITS stakeholder groups, develop presentations and lead workshops for stakeholder engagements
- Present technical material confidently to an audience of experienced professionals
- Manage tasks and projects

REQUIREMENTS

- Due to federal client requirements, the candidate MUST be a US citizen or Permanent Resident/Green Card holder
- BS or higher in Transportation/Civil Engineering, Electrical Engineering, Computer Science, or equivalent technical/STEM major
- 10+ years working experience with ITS or CV, with the ability to manage tasks and projects
- A PE license and/or a PMP certification are a plus
- Must be self-motivated and able to complete assignments independently
- Intermediate knowledge of data analysis tools, including Microsoft Excel
- Occasional business travel to engage clients and stakeholders
- Familiarity with HTML/CSS, Python, SQL, SNMP, and other computer languages are a plus
- Strong written and verbal communication skills
- Strong presentation skills in front of a large audience or in small focus groups

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
- Participate in professional conferences

COMPENSATION

Salary range is from \$100,000 to \$175,000, dependent on the qualifications and experience of the candidate.

INSTRUCTIONS

Email Patrick Chan at patrick.chan@consystec.com:

1. Attach a 1-page maximum cover letter in PDF format including your salary requirements and an explanation of 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. Please direct all questions by email only.

If your application is approved, you will be contacted for a phone interview and, if chosen for further consideration, a 2-hour in-person interview at our NYC office. If you are traveling from outside of NYC, your reasonable, actual, and documented travel costs will be reimbursed.