

## Junior Train Control Engineer

An Oakland, CA-based professional consulting firm seeks a full-time or part-time junior train control engineer to provide support in the development, modification and maintenance of train control systems; testing and modifying wayside, station, and train control equipment, as well as to assist in ensuring the work quality and adherence to specifications for complex rail transit projects in the San Francisco Bay Area.

The position requires an entry-level self-starter who is comfortable with close supervision and possesses a background in supporting rail transit and systems development. If you are a junior systems engineering professional who is good at multitasking and time management, and you want to support a wide variety of projects as required, this job is for you. The pay is competitive.

The ideal candidate is motivated and will perform, at minimum, the following tasks:

- Assist in the development of engineering specifications, computer systems applications, preliminary cost estimates, engineering drawings, calculations and analyses.
- Conduct field inspections and investigations.
- Assist in developing preventive and predictive maintenance processes and procedures
- Learn to perform testing and maintenance support of both hardware and software modifications to the Automatic Train Control (ATC), Automatic Train Operation (ATO), and Automatic Train Protection (ATP) systems.
- Develop, review, and modify complex engineering plans, designs, and specifications.
- Conduct special studies and prepare a variety of reports and correspondence.

### Required Skills

- Programming and reverse engineering of train control software systems.
- Conduct engineering studies and evaluations and write clear and concise reports.
- Analyze technical problems, including those involving computer hardware and software.
- Learn engineering division procedures and applicable laws, codes and standards.
- Interpret and prepare drawings and specifications.

### Minimum Qualifications

- Bachelor's degree in Electrical Engineering, Electronics, Computer Science, or a related field from an accredited college or university.
- Candidates with train control and signaling systems or related experience are preferred.
- A valid California driver license and insurance is a condition of initial and continued employment for this position.

You must use the APPLY link below to apply for this position. The link will direct you to the Careers Portal on our website. Please submit your cover letter describing why you are the ideal candidate for the position and your resume. Please submit your documents in Microsoft Word format.

[APPLY](#)