Data Scientist

Boston Area

Who We Are

AlphaRoute is a startup that provides dynamic, end-to-end software, advanced analytics, and sophisticated consulting support to help school bus and transit agencies optimize their daily operations. Our work has been recognized by INFORMS, the largest professional association for operations research, management science, and analytics. Our team of PhD-level researchers and former public sector executives has garnered significant press coverage from The Wall Street Journal and several other publications. As we work to transform the world of mobility, we are saving millions of dollars for our clients, improving the lives of their constituents, and helping the environment.

Basic Qualifications

- Master’s or Ph.D. in Operations Research, Engineering, Statistics, Applied Mathematics, Computer Science, or a related field.
- Coursework or practical experience designing and implementing linear and mixed-integer optimization formulations for custom use cases.
- Prior experience writing efficient and organized code, preferably in a team-based work setting.
- Ability to collaborate with other data scientists and engineers.
- Fast learner and exceptional problem solving skills, evidenced by prior work and/or research.
- An energetic, team-oriented professional who is passionate about innovation and data science.

Preferred Qualifications

- Prior research or work experience in the transportation industry.
- Experience coding in Julia.
- Familiarity with optimization methods, related tools, and the latest technology (e.g. CPLEX, Gurobi).
- Experience with version control (Git).
- Passion for work that benefits the public good.

Job Description

As a Data Scientist on the AlphaRoute team, you will play an important part in the company’s growth and development. You will leverage your problem solving, mathematical, and programming skills to satisfy a wide spectrum of project objectives. You will analyze complex datasets, design mathematical optimization formulations, and implement and test code in a production setting. In this fast-growing startup environment, you will perform both custom
analysis for clients and backend development work. A data scientist will bring energy, positivity, and determination to an already exciting work environment.

Everyone at AlphaRoute has a voice in who we are and what we do. We offer competitive pay, comprehensive health insurance, and flexible work schedules. We are a young team that works hard and plays hard — engaging in office trivia, team hangouts, happy hours, office putting contests, and much more! While we continue to grow, we believe that maintaining our fun, close-knit culture is key to our continued success.

Please apply on our website alpharoute.com/careers/.

We welcome all identities, backgrounds, and voices at AlphaRoute, and we would love to hear from you!