At Altaeros we believe everyone should have access to the basic building blocks that allow a fulfilling, prosperous life, whether they live in a megacity or in the most rural of villages. We also believe in the power of innovation to make this a reality. Our SuperTower uses the world’s first autonomous aerostat platform to permanently deploy high-speed mobile broadband in rural markets at a fraction of the cost of alternatives. With this new class of communication infrastructure, we aim to help hundreds of millions of people get online for the first time, unlocking untold new opportunities. As a member of the Altaeros team, you will help us to achieve our goal of delivering the next generation of infrastructure to those who need it most.

As a Software Engineer with Altaeros you will design/build and maintain software on a variety of platforms to enable flight and control of the Altaeros aerostat. We want to speak with you if you have experience across environments and languages, full stack development, and enjoy learning and expanding your technical expertise. You will use C# and JavaScript for this role, and we also use Python, LabVIEW, MATLAB and Simulink for our solution. Technology changes fast and you will have input and influence for our future tech stack and toolset. You are joining an Agile team dedicated to delivering a quality product and ensuring customer satisfaction. Our work environment is fast-paced and dynamic; we work together to find solutions to solve some of the world’s biggest challenges, and we like to have fun while doing it.

At Altaeros, we believe you do your best work when you are trusted to operate with a high level of respect and integrity. Our team members enjoy a highly flexible work schedule. Compensation includes salary, equity, and great benefits including unlimited paid time off, health, dental and life insurance, as well as 401k.

Within your first 6 months you will:

- Develop full stack solutions ranging from front-end user interfaces to back-end systems and all points in between
- Actively run and test your code on an Altaeros aerostat currently flying at our R&D facility in New Hampshire
- Design, code and unit test new features, enhancements and bug fixes for autonomous controls and HMI using C# and JavaScript in an Agile-Scrum environment
- Deliver comprehensive automated tests to ensure high software quality
- Assist in requirements definition with a cross-functional team of control engineers, aerodynamic engineers, system engineers and product owners
- Work with an experienced multidisciplinary team in a collaborative work environment
- Build, evaluate and use the best technology and tools to improve our autonomous solution
- Be asked for your ideas and recommendations because Altaeros culture promotes learning, an environment in which ideas flow freely and the best ideas win, combining our experience and talent to bring multiplicative value, and striving to achieve near-term goals without sacrificing our future successes

Qualifications:

- Proficiency in one or more “high-level” languages (C++, C#, Java, Python, etc.) and ready to develop for a C# and JavaScript based solution
- Have delivered solutions and/or applications using Object Oriented software development best practices, and familiarity/experience with microservice architecture best practices

Position: Software Engineer (full time, immediate)
Location: Somerville, MA (next to Boston, Cambridge)
Contact: altaeros.jobs@altaeros.com
• Practical knowledge of current database technologies (SQL, Cassandra, Hadoop, etc.) and performant/efficient database best practices
• Experience building or contributing to an automated test suite. Experience with TDD and CI/CD is a plus
• Working experience with OPC UA is highly desired
• Experimentation or experience in a variety of systems, languages, processes, databases or data analysis is a plus
• Strong analytical and problem-solving skills, with the ability to pay careful attention to detail
• A “Startup Attitude”: quick learner, passionate, nimble, and adaptable- you get creative when the answer is not obvious
• A team member with strong drive, initiative, organizational and communication skills
• Bachelor’s degree (or working experience that has established your solid understanding of computer science principles) and 2+ years software development experience

If you are interested in joining the Altaeros team, please submit your resume and cover letter with the subject [Software Engineer – Your Name] to Altaeros.jobs@altaeros.com.

We are an Equal Opportunity employer committed to a diverse workforce. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability.