

What is Numerica?

Numerica exists to solve the most important information science challenges faced by our customers. Our world-class scientists, engineers and software architects deliver technology solutions that expand the limits of what is possible.

Where are you located?

Numerica was founded in 1996 and is located in Fort Collins, Colorado.

What kind of work do you do?

We support customers in the areas of air and missile defense, space situational awareness, cyber security, unmanned systems, ISR, and security analytics. Numerica provides new levels of actionable information to decision makers, and our advanced algorithms and software are deployed in systems around the world. We are developing state-of-the-art software tools, such as the Lumen search and analysis system for crime data.

Which majors, or what academic backgrounds, are you looking for?

Our technical teams are looking for candidates with advanced degrees in applied and computational mathematics, computer engineering, computer science and scientific computing, electrical engineering, industrial and systems engineering, mechanical engineering with an emphasis in controls, statistics, and other related fields.

What would I work on at Numerica?

Our technical teams develop advanced algorithms, perform scientific computing, and develop software products to address a variety of information science problems. Areas of work typically include: tracking and data fusion, multi-source integration, signal processing, data compression, orbital determination, nonlinear filtering, sensor resource management, battle management, collision avoidance, uncertainty quantification, network-centric intelligence, surveillance and reconnaissance, anomaly detection, data analytics and simulation.

Do you have any internships?

Yes. Available Internships are posted online in our job openings.

Do you hire undergraduate students?

Yes. For technical positions, we hire undergraduates with strong backgrounds in computer science, controls, statistics and other related fields.

Do you provide on-the-job training?

Yes. We actively hire talented scientists and engineers with broad technical backgrounds who may not have direct experience with our project areas. Our scientists and engineers work closely each day with their program directors and managers to develop the knowledge and skills needed to provide solutions for our customers' challenging and unique problems. We also offer tuition reimbursement, memberships in professional organizations and subscriptions to relevant academic and trade publications.

Will I have the opportunity to publish at Numerica?

Yes. We encourage our staff to publish papers that grow out of their project work, and to collaborate closely with academic and industry peers.

Will I be able to work on a project from start to finish?

Yes. Numericans are often encouraged to carry their research through the *entire* process, from problem statement to prototype to real-world application.

What kind of job openings do you have?

A complete list of job openings and our application form is available online under our Careers section.



What is your hiring process?

Applications are received online at www.numerica.us under our Careers section, and candidates are encouraged to attach their résumé and academic transcripts when applying. You will receive an email confirming we received your application. If we feel your background is a good match for a current opening, we will contact you.

Are you a publicly traded or privately held company?

Numerica is a privately held company.

Is Numerica a growing company?

Yes. Since our founding in 1996, we've expanded our Colorado headquarters significantly, and have grown revenues every year. Because of this growth, Numerica was recognized by Colorado Governor Bill Ritter and the Edward Lowe Foundation as a Colorado Company to Watch – a national award that celebrates growing businesses that positively transform the nation's economy. In 2011, Numerica was one of only 44 companies in the nation to win the U.S. Small Business Administration's *Tibbetts Award* for exceptional innovation and growth in the Small Business Innovation Research (SBIR) program. Numerica's reputation, strong industry relationships, and commitment to providing solutions for extremely challenging problems, continues to generate growing demand for our products and services. To meet this demand, Numerica actively recruits top talent from the best technical schools in the nation.

Do you offer comprehensive benefits?

We strive to offer competitive benefits and rewards to Numericans. We value people, so taking care of our team is a top priority. See our benefits offerings on our website.

What makes Numerica different from other companies in your industry?

At Numerica, each person is expected to show innovation, be independent and take ownership of the projects they work on from start to finish. While creative thinkers are working on some wonderful projects at bigger companies, the projects are often so large they get divided into many small pieces. When you get assigned to your small piece of the problem at another company, you often can't change the direction of the bigger project – even if you know a better solution – because you may not have access to upper-level management. This isn't the case at Numerica. At Numerica, the teams are smaller, and you might just find yourself working with the Chief Scientific Officer and founder on a project. Everyone at Numerica has a voice to suggest better, creative approaches to a problem, and diverse perspectives are always appreciated.

Can you describe the quality of life in Northern Colorado?

Because of the nature of our work, Numerica could be located anywhere in the United States – but there are *many* great reasons we choose Northern Colorado. We encourage you to explore www.ncedc.com and www.bestplaces.net for more information about the region and individual cities of interest.

How close is Numerica to a major metropolitan area in Northern Colorado?

Fort Collins is Colorado's fourth-largest city (pop. 144,000) and is one hour's drive north of the Denver Metropolitan Area (pop. 2.8 million).

My spouse will need to find a new job if I accept a position with Numerica. What is the job market like in Colorado?

According to the Denver Metro Economic Development Council, Colorado has the second-strongest economic outlook in the nation, and ranks second-highest for educated workforce, third for high-tech employment, sixth in clean energy employment, and ninth in clean energy job growth.