Are you a natural programmer who loves to build real-time applications and systems that make an immediate impact? Are you passionate about building software that challenges and inspires you every day? At Citadel, we apply rigorous quantitative and technology driven strategies to transform capital markets. Our software engineers solve some of the most challenging problems in finance by providing innovative solutions that make a real-world impact. We thrive on great ideas and have the initiative, tenacity and resources to implement them.

As a Software Engineer at Citadel, you’ll work side-by-side with quantitative researchers and traders to implement strategies using cutting-edge technology. We are looking for a diverse group of software engineers to join our internship program that offers projects including, but not limited to, full-stack application development, systems design, low latency programming, networking, and quantitative development.

If this is what excites you:

• Building tools that bring trading strategies to life
• Building high-performance large data research platforms
• Working in small teams to write the future of finance

And this is what you’ve got:

• Currently pursuing a degree in computer science, computer engineering or related fields
• Exceptional programming and design skills
• Strong analytical skills and solid knowledge of probability and statistics
• Ability to communicate effectively in a collaborative, complex and highly technical team environment
• Intellectual curiosity and passion for solving challenging problems using technology

This is what Citadel can give you:

• Collaboration with some of the brightest minds in the industry
• Meaningful projects that directly impact global markets
• A culture that values ambition and rewards talent
• World-class training, tools and mentorship

About the Program
Our Software Engineering Internship Program provides the opportunity to further develop your skills and solve some of the most complex business problems in our industry using technology. As a Software Engineering intern, you will be given aggressive goals and expectations from the start. We are excited to see how you will perform and succeed within our firm. From the start, you will be assigned to a manager who will oversee your day to day projects and a mentor who recently completed the program. In addition to valuable on the job experience, the program provides numerous training and networking opportunities which will help you become acclimated to Citadel and to the community overall.

Training and Development
Your internship experience will kick off with a multi-day orientation comprised of a hedge-fund overview course, professionalism training and team-building activities. Throughout the summer, you will also take part in presentations developed to provide insight into Citadel’s business and technology strategies. Of course, there will also be plenty of social events to help you expand your network while discovering the city.

About Citadel
Citadel is a worldwide leader in finance that uses next-generation technology and alpha-driven strategies to transform the global economy. We tackle some of the toughest problems in the industry by pushing ourselves to be the best again and again. It’s demanding work for the brightest minds, but we wouldn’t have it any other way. Here, great ideas come from everyone.