



Full-Stack Senior Developer

Are you a creative individual? Do you like challenges? Do you enjoy data science? Do you want to work with cutting-edge technologies such as Python, Javascript, Machine Learning and Big Data? At *Scientific Financial Systems*, we build sophisticated tools for data scientists. Our flagship product (*Quotient*) represents the next generation platform for advanced data science and quantitative financial analysis.

The Senior Developer will be a key member of our growing technical team. The work will focus on expanding the functionality and adding new features to our quantitative financial application. The candidate will have the opportunity to work on interesting and challenging projects using advanced technologies while learning and implementing state-of-the-art techniques in quantitative finance. Creativity is both welcomed and encouraged. The role includes possibilities for growth, leadership and equity participation.

Jobs Duties:

- Expand the design & functionality of our core Python engine and associated class libraries
- Assist the design and implementation of our Javascript (ReactJS) front-end interface
- Implement/integrate machine learning algorithms into the Quotient application
- Create additional tools for product deployment, testing and client operational management
- Implement novel network/algorithm flow visualization and interaction features
- Aid in the addition/integration of new financial content sets
- Add to our SQL/Python data management capabilities
- Actively participate in product demos and marketing with client prospects

Skills and qualifications:

- 3+ years in a commercial software development role
- Hands-on experience with Python (particularly Numpy, SciPy & scikit-learn)
- Familiarity with Javascript/ReactJS & Django
- Creativity and a passion for learning, scientifically-minded & intellectually curious
- Knowledge of C & SQL helpful

About Scientific Financial Systems

We are a Boston-based, disruptive start-up firm in the financial technology space. We provide advanced investment management and research software for the institutional investment community. Our product (*Quotient*) combines an intuitive front-end interface (for access, interaction and visualization of extensive datasets and analytics) coupled with a novel integrated, Python-based back-end toolset (complete with built-in code creation and editing). *Quotient* provides a unique combination of flexibility, power and efficiency. We build sophisticated tools for data scientists. We offer competitive compensation, technically interesting projects and will consider equity participation for strong candidates. We are open to remote contributors. We look forward to speaking with you.

