

Software Engineer (Python/Javascript)

Position Summary:

Systems Development division is looking for a Software Engineer who strives to build highly scalable, performant and robust systems that help clients benefit from our comprehensive market data sets and analytics. We own some of the largest financial data sets in the world and are looking for programmers that enjoy tackling the challenges that come with real time streaming data and large historical databases.

What you will do:

* You will work on software solutions in accordance with Cboe development processes
* You will have countless opportunities to develop your skills, make an impact through meaningful contributions, and gain rich experiences at an accelerated pace
* You will use your strong communication skills to collaborate closely with team members across the organization to solve complex technical challenges
* You will be involved in all phases of the development lifecycle; this will include engaging with business owners to understand and document requirements, design of solutions and the implementation
* You will optimize application performance through analysis and tuning
* You will analyze and recommend technologies and tools to improve efficiency and quality of the development process
* You will manage assigned projects to ensure successful completion in designated time frames

Requirements:

* Bachelor’s degree in Information Technology, Computer Science, or related field
* 3+ years of professional full-stack development experience
* Solid Python Knowledge:
  + Familiarity with lower-level Python libraries like asyncio, coroutines and sockets
  + A good understanding of Django framework
* Solid JavaScript knowledge:
  + Conversant with at least one modern JS framework such as React/Vue/Angular/Svelte
  + Deep understanding of ecosystem including node, npm, webpack
  + Ability to write and deploy full stack JavaScript application
* Practical experience with relational databases such as MySQL, PostgreSQL, MariaDB, including schema design, writing DML, optimizing query performance
* Strong fundamental programming skills, broad knowledge of algorithms and data structures
* Comfortable with both Windows and Linux operating systems
* Familiarity with technologies/products like C++, Perl, Jenkins, Nginx, Jabber is a plus
* Strong critical thinking, communication, and organizational skills
* Experience with financial industry and relevant technologies is preferred but not required

As required by the New York City Human Rights Law, Cboe provides a reasonable range of minimum base salary for roles that may be performed in New York City. Actual compensation is influenced by a wide array of factors including but not limited to geographic location, skill set, level of experience, etc. For New York City only, the range of starting base salary for this role is $105,000-$150,000. Additional incentive compensation and benefits may be available.

The Cboe Experience

Whether you are just beginning your career or are a senior-level professional, working at Cboe will offer you countless opportunities to develop skills,  make an impact through meaningful contributions, and gain rich experiences at an accelerated pace. By working collaboratively with smart, genuine and hardworking colleagues, you will build enduring relationships through frequent collaboration that will serve you well throughout your career, regardless of your chosen path.  And, along your exceptional career journey at Cboe you’ll receive amazing benefits and robust rewards.

Equal Employment Opportunity  
We're proud to be an equal opportunity employer - and celebrate our associates' differences, including race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, and Veteran status.