

City Scholars – Software Developer Intern

DRW is a technology-driven, diversified principal trading firm. We trade our own capital at our own risk, across a broad range of asset classes, instruments and strategies, in financial markets around the world. As the markets have evolved over the past 25 years, so has DRW – maximizing opportunities to include real estate, cryptoassets and venture capital. With nearly 900 employees at our Chicago headquarters and offices around the world, we work together to solve complex problems, challenge consensus and deliver meaningful results. It's a place of high expectations, deep curiosity and thoughtful collaboration.

City Scholars that join DRW for a semester are part of a team of experienced software engineers across the US and Canada (including past City Scholars!) working on industry leading systems for capturing, cataloging, indexing and presenting data from more than 50 financial exchanges around the world.

Challenges include overcoming scalability (over 18B messages a day) with cloud technology, understanding low level networking concepts, decoding binary data protocols and the inner workings of financial exchanges and their matching engines.

We pride ourselves on being able to take talented programmers and put them straight to work on complex issues. These are real problems requiring real solutions, not fabricated examples, and every one of our past City Scholars (3 per semester since the start of the program) put code in production by the end of the semester. This real world work gives us a better understanding of what you can do and it gives you a better understanding of what working at DRW is really like.

You can hear from a previous DRW City Scholar, Zhiwei, here:
<https://engineering.illinois.edu/engage/city-scholars.html>