Over 30 years Bloomberg has grown from offering data on a small set of US companies to covering virtually every company in the world. This data needs to be extracted, normalized and fed to the markets as quickly and accurately as possible. In this talk we will briefly cover how the most recent breakthroughs in Neural Networks have helped us to automate document extraction, providing data with higher accuracy and faster than even the best data analysts.

Biye Li runs the Data Automation group in Bloomberg. His main focus is leveraging cutting edge machine learning technologies to automate the massive data processing workload in Bloomberg. His team, which owns the largest GPU cluster within Bloomberg, has built some of the world’s most accurate information retrieval engines. Biye holds a Bachelor of Computer Science from Washington University.