

# CLEMENT LEE

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## EDUCATION

### Princeton University

*Computer Science, B.S.E* 2013–2017  
3.67 GPA

Graduated *cum laude* and performed two years of independent research.

Coursework included:

- Distributed Systems
- Artificial Intelligence
- Information Security

### New York University

*Mathematics, Non-Degree* 2019—  
3.67 GPA

Continuing education at the master's level in the Courant Institute of Mathematical Sciences.

## SKILLS

### Programming

Fluent in Java and Python, and other languages as needed such as Groovy. Frequent usage of common tools like Git and Bash/UNIX shells.

### Data Analytics

Experience in Pandas and Spark. Interested in high-performance analytics on datasets of all sizes.

### ETL/Data Pipelines

Built and maintained an ETL framework for large-scale data.

### Deep Learning

Prior experience with deep learning research. Have worked with TensorFlow and Torch.

## EXPERIENCE

### Software Developer

*Two Sigma Securities* 08/17—

- Rebuilt key research infrastructure with focus on reliability and performance.
- Maintained a distributed trading system.
- Led construction of a novel data framework to process trading events and market data.

### Software Intern

*Two Sigma* 06/16–08/16

Developed financial software to improve modeller productivity.

### Foundry Intern

*Microsoft* 06/15–08/15

Full-stack development on a variety of technologies and interfacing with Microsoft APIs.

### R&D Software Intern

*Bloomberg* 06/14–08/14

Researched and developed natural language processing algorithms to automate live text analysis and question answering in C++ and Python.

## PROJECTS

*see [github.com/clementlee](https://github.com/clementlee) for more details.*

### Self-Optimizing Networks

*Senior Thesis, Princeton*

Researched dynamic sizing algorithm to optimize learning capacity against overfitting in deep neural networks.

### Machine Learning Seminar

*Junior Independent Work*

Examined different techniques of pruning large-scale neural networks without sacrificing accuracy.