

# Cory Bond

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Website: <https://www.corybond.me/> - Github: <https://github.com/CoryBond>

## Education:

**Thomas J. Watson School of Engineering and Applied Science, Binghamton University**

Bachelor of Science, Computer Science, December 2013

GPA: 3.33/4.0

## Technical Skills:

Languages:	Java, Js, C#, Swift/Obj-C, Python
Frameworks:	Spring, Maven, WPF, Angular, Electron, React, RX, SpecFlow
Databases:	Elasticsearch, Sybase DB, MYSQL, MariaDB, Microsoft DB
Operating System:	Windows (7-10), Linux (Ubuntu-Red Hat Linux), IOS, MacOS
Software:	Eclipse, Visual Studio, Xcode, Teamcity, Jenkins, Udeploy, Excel 2010, Git, SVN

## Professional Experience and Projects:

### Citi Software Developer

**New York, NY**

388 Greenwich Street, Citigroup

August 2016 – Present

*JS/C# Gui Developer for Citi Velocity, a popular cross-product analytic, research and e-trading platform.*

- Developed and shifted the teams code-base to use JS/Angular/Electron for the new Velocity 3.0.
- Wrote a HTML/Electron Sales Tile POC showing the potential benefits of JS/HTML over C# coding.
- Expanded a new smart trade booking system so traders can book trades on behalf of clients.
- Main Dev for the teams excel plugin where traders upload their trades to Velocity from excel.
- Improved Velocity UI experience by restyling views in a WPF MVVM framework.
- Used Reactive streams to offload work away from the UI thread and create service subscriptions.
- Helped build the teams test unit coverage and introducing Specflow behavioral tests to the team.

#### ***New FX Mobile Wire Component:***

- Rewrote a News component for our Velocity Mobile App using swift instead of objective-c.
- Added a brand new Comments Section for users to comment on articles and with other users.
- Redesigned news articles to integrate better with the app framework.
- Completely designed and wrote the architecture of the project from its inception.

### Citi Software Analyst

**New York, NY**

388 Greenwich Street, Citigroup

February 2014 – August 2016

*Java Server Side Developer for Citi Velocity and also Aspen, an asset servicing platform for Citi traders.*

- Learned about various financial technologies and products at Citi in this two year rotational program.
- Worked on server systems to fix bugs and explore ways of improving system efficiency.
- Upgraded our teams systems to Java 8 and worked on introducing Spring Boot to our framework.

#### **ELK Stack Analytics Platform:**

- Solely set up and maintained the teams Elasticsearch, Logstash and Kibana stack on dev servers.
- Recorded the latency of 100,000 trades every day, giving the team insight on trade congestion.
- Explored using ELK stack for log centralization in order to increase team debugging efficiency.
- Integrated ELK for a new latency reporting system to capture arrival and departure of trades.
- Implemented scripts to automate Elasticsearch cleanup and indexing management.

#### **Command Center PDF Generator Service:**

- Designed and wrote a backend service to generate pdf files giving a permitted user statistics about their teams financial positions and team composition in a compact printable format.
- Dynamically allowed pdf generation to work for landscape and portrait modes.
- Used reflection and iText to generate dynamic and aesthetically pleasing pdfs, tables and charts.
- Effectively collected needed Sybase data using DOM principles with mybatis.

## Certificates:

**Oracle Certified Java SE 8 Associate, September 2015**