Chen Zhu

342 East 53rd St, 6C, New York, NY, 10022
☎ Mobile: 917-684-1583
✉ Email: chenzhu@nyu.edu

Education

Aug.2013 - **M.S. in Information Systems**, *Courant Institute of Mathematics, New York University*, NY, GPA:3.75.
May.2015 Courses: Fundamental Algorithms, Foundation of Finance, Social Multiplayer Games, Open Source Tools.

Sep.2009 - **B.S. in Management Information Systems**, *Renmin University of China*, Beijing, China, GPA:3.65.
Jun.2013 Courses: Java Programming, Database Management, Knowledge Management.

Technology Skills

Programming **Java, Python, Linux Commands, C#, SQL, C++**.
Web **JavaScript, NodeJS, AngularJS, jQuery, AJAX, PHP, HTML, CSS**.
Tools & IDE **JIRA, Git, VS Code, Eclipse, Virtual Box, Vagrant, VMware, Sublime, Vim**.

Work Experience

Jul.2015 - **Application Developer**, *TMC Bonds*, Financial Industry, New York.
Present Programming full-stack projects tracked by Jira.

Investigating and research production issues tracked by tickets.

Using linux commandline for build, deploy and CI.

Styling front-end web pages for better user experience.

Participating in project scope definition meetings to better design system.

Project Experience

Jan.2018 - **6.0 Fill Order Ticket**, *Java, JavaScript, CSS*.
Jul.2018 Coded retail trader's fill order ticket using ExtJS 6.0 library.

Debugged on front-end code writting in MVVC framework.

Refactored edit ticket and fill ticket for integrated functionality.

Tested the fill order scenario ensured 90% success rate.

Jan.2016 - **6.0 Order Ticket, IMS, 6.0 Institutional Trader Ticket**, *Javascript, Java*.
Dec.2017 Worked on quick order ticket TSA model migration.

Coded components such as clearing and settlement panel, buy as user panel and price change window.

Tested trader's work flow to ensure business behavior consistency.

Feb.2017 - **6.0 Market Search**, *JavaScript, Java*.
Dec.2017 Implemented new user interface market snapshot page using ExtJS 6.0 library.

Teamed with other developers for better effective code.

Designed front-end column models using generic components.

Refactored back-end market search logic to more organized data structure.

Dec.2016 - **Ticket Report - Moody and MuniPoints Encryption API Update**, *Java, Javascript*.
Feb.2017 Implemented encryption link generate system on server side.

Made web request on Java side to get encryption key calling Moody API.

Optimized UI to better allow user set credentials.

Sep.2016 - **6.0 Security Master Override**, *Javascript, Java*.
Nov.2016 Designed user interface using MVVC framework.

Implemented the view, controller and view model with SM override new theme screen.

Maintained the back-end saving override service calls.

Dec.2015 - **6.0 Trade Blotter**, *Javascript, Java*.
Jun.2016 Developed institutional trade detail ticket using ExtJS 6.0.

Establish store loading and data binding process on entire project.

Researched ExtJS data binding technique for cleaner code.