Chen Zhu

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Technology Skills

Front End **ReactJS, NodeJS, Express, ExtJS, Webpack, Sass, AJAX, HTML, CSS**.

Languages **JavaScript(ES6), TypeScript, Python, Java, MySQL**.

Tools **Git/GitHub, Chrome Debugger, Postman, Jira, MongoDB, Eclipse, Bash, Vim**.

Work Experience

Apr.2019 - Present

Full Stack Developer, *Intercontinental Exchange*, (Acquisition), New York.

- Programmed a Single Page App in **JavaScript** (ExtJS, ReactJS) that has been tested on a large scale.
- Investigated and solved **production** defects 15% quicker than average.
- Led greenfield feature implementations and worked closely with Product Managers, Designers, and QA.
- Developed 10+ projects, which resulted in significant business revenue increase.
  - Built ReactJS components for portfolio detail dashboard.
  - Rebuilt order details page, which removed legacy design with 90% documentation.
  - Revamped fill order detail panel that contributed to 20% profits yearly.
  - Implemented bid wanted posting system, which launched with 80% of user satisfaction.
- Refactored data structure, which led to a 30% increase in search **performance**.
- Helped construct a code style guide to improve team **code quality** for cleaner code.
- Followed the Test Driven Development methodology, which increased test coverage by 20%.
- Suggested changes from **user experience** design and product point of view.
- Mentored and trained junior developers to become self-sufficient production-quality engineers.

Jul.2015 - Apr.2019

Associate VP Web Developer, *TMC Bonds*, Finance, New York.

- Implemented client facing security related **API** projects that covered 99% sensitive data usage.
- **Styled** front end web pages using SASS resulting in 90% user satisfaction.
- Debugged program on both back-end Java side and front-end browser side.
- Brainstormed with developers across teams and settled important agreement of smoother implementation.
- Queried database using **MySQL** for seamless data feeding.
- Used **SDLC** tools such as **JIRA** for high efficiency project tracking.
- Documented 90% projects in internal record system for future maintenance.
- Communicated with tech member on clients side to ensure 100% product design precision.
- Customized **UI** to increase 30% of user friendly interfaces.

Web Developer, *TMC Bonds*, Finance, New York.

- Studied **ExtJS** library in 2 months and able to use major components from API.
- Adopted new web developing concept of **MVVM** framework that used to enable easy data binding.
- Used Linux shell script and command line for **CI** build.
- Learnt **Git** version control more advanced feature such as branching, rebasing and cherry-picking.
- Triaged failure and unstableness of continuous integration with **Jenkins** log.
- Tested project based on real world business cases and ensured 80% pass.
- Wrote **Unit Test** cases and upgraded coverage rate of 10%.

Education

Graduated in 2015

M.S. in Information Systems, *New York University*, GPA Top **10%**.
Courses: Algorithms, Social Multiplayer Games, Open Source Tools.

Graduated in 2013

B.S. in Information Systems, *Renmin University of China*, Beijing, China, GPA Top **5%**.
Courses: Java, Database, Knowledge Management.