Lee Ning
Senior Frontend Engineer

Chinese name	李宁	Phone	*** **** ****
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Experience	5 years	Education	Bachelor of psychology Beijing Forestry University (211)

WORK EXPERIENCE

Senior Frontend Engineer   唯存（上海）网络科技有限公司   **November 2018 - June 2021**

Control complexity	1. In the main project I participated in, the major files of the two core modules both exceeded 3000 lines, and the internal data coupling was serious, resulting in complex logic and high cost in maintaining. 2. Through self-taught refactoring knowledge, I sorted out the data dependencies in the modules and split all large files into multiple submodules with no more than 300 lines. 3. These refactorings effectively increased the readability of modules and reduced maintenance costs, allowing the project to maintain a controllable complexity in rapid iterations.
Decoupling and reuse	1. The four core modules in the main project were all coupled to the current project, but as business progressed, it was found that they were worth reusing in other projects. 2. I gradually decoupled the four modules while ensuring that the current project is not affected. 3. Three of these modules were reused in other projects of our team, and one of them was reused in the project of another team.
Optimize business code	According to the principles of code refactoring and program design, I wrote readable and maintainable code in business iterations, and continually performed refactoring and optimization.

Frontend Engineer   西安凡卡互动信息科技有限公司   **October 2015 - June 2018**

- After self-learning programming without any experience, I got this job, building websites for our clients independently.
- When our company had no backend engineers temporarily, I taught myself PHP and MySQL to maintain existing websites.

SKILLS (study notes: https://github.com/samoyi/note/tree/master/Theories)

Programming languages	• JavaScript: Deep understanding of the principles, proficient in using ES5+ • C: Comprehensive understanding of concepts, skilled at using
Framework	• Vue.js: Understand principles and source code deeply • React: Experience in using React in two business applications
Refactoring and Design	Good understanding of code refactoring and design principles
Algorithms and data structures	Ability to implement common algorithms and data structures in C.
Networking	Familiar with HTTP and networking fundamentals
English	Ability to read English textbooks and articles fluently

CAREER PLANNING (three-year)

- Continue to study code refactoring and program design, and apply them to work
- Continue to study algorithms in spare time; learn linear algebra, discrete mathematics, and probability theory.

PERSONAL SUMMARY

- Love most sciences including computer science
- All my knowledge is self-taught, and I taught myself calculus out of interest during the COVID-19 pandemic
- Interested in the design thinking behind various types of designs
- Interested in logical thinking, critical thinking and metacognition