

WENDY HUANG

I want to build tools for humans

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💬 SUMMARY

I'm a **Senior Front-End Engineer** with **4 years working experience**. Crafting interesting and useful tools is my jam. In the recent past, I have **given talks** at development conferences, **started several open source projects**, and actively participated in the **translation of technical books**.

🏢 WORK EXPERIENCE

Qihoo 360 Technology Co. Lt 2013 - 2017
Senior Front-End Developer - **Annual Excellent Employee of department**

An online presentation editor - Shengxiang 2016 - 2017

- **Led a team** of four Front-End developers, enforced coding standards, kept the group engaged and passionate.
- **Designed predictable, scalable architecture** with Vue&Vuex (React&Redux alike Javascript libraries).
- Automated workflow for development, testing, and production environment with Gulp, Webpack, PostCSS, etc.
- Designed database tables and implemented Back-End logics and APIs using ThinkJS (a Back-End MVC Framework).
- Designed innovative features and transformed them into coordinated ART and IT deliverables.

An interactive mobile storytelling platform - Baomitu 2015 - 2016

- Built **componentized architecture** by designing Nova.js (a web component framework like Polymer).

Mobile Guard Department 2014 - 2015

- Developed official websites, mobile-side pages for special events and cross-device webviews.
- Made **quick response and decisions** to several independent and **concurrent** requirements every day, while making effective plans and guaranteeing high quality deliverables.
- Delivered **high performance** and compatible **cross-device** web pages.
- Designed NovaUI (an open source **mobile-side** component gallery) to share common mobile-side components with the other engineers.

CRM System 2013 - 2014

- Wrote consistent, concise, and well documented codes to build pages full of form manipulations and charts.
- Abstracted and designed common plugins for reusability.

📦 OPEN SOURCE PROJECTS

Nova.js 2015 - 2016
A production-ready Web Component Framework, only 12KB after gzipped, providing an easy way to define custom element with data binding, CSS Scoping, etc.

NovaUI 2013 - 2016
A mobile side component gallery with high animation performance, flexible APIs and clear documents.

AnimationGenerator 2014 - 2014
A Chrome Devtools extension which can help generate animation codes for web pages quickly.

🗨️ SPEAKING

The 2nd CSSConf of China
High Performance Animation

Other talks
How Browser Renders,
Mobile-side Development,
Web Component, etc

📖 PUBLICATIONS

Large Scale Javascript
Translated Chapters 8 - 19 from English to Madarine

The Mobile Handbook
Translated Chapters 3 - 4 from English to Mandarin

EDUCATION

Sun Yat-sen University

Software Engineering BSc

2009 - 2013

SKILLS

Modern Web Stack

- HTML5, CSS3, Javascript, DOM scripting
- Mobile-Side development, responsive web design
- Node.js and MVC Back-End Framework
- Network knowleges including HTTP protol, TCP handshakes, etc
- Fullstack, able to design database tables, implement Back-End logics and design UI
- Good documenting habit

Rich Experience in

- Performance Optimization
- Large-scale web applications, designing scalable architecture and workflow
- Javascript Application Framework - Vue.js
- Cross-browser and cross-device development, handling compatibility issues

Tools

- npm, gulp, webpack, postCSS, babel, thinkjs, eslint, mocha.js, chai.js, etc
- vim, git/svn, chrome devtools, photoshop, zsh, etc
- Vue.js, Polymer, jQuery, Zepto, etc