

# SONG WANG

[songwang.io](https://songwang.io) [song@songwang.io](mailto:song@songwang.io) [wangsongiam](https://github.com/wangsongiam)

## EDUCATION

**Stevens Institute of Technology, Hoboken 2016-present**

M.S. in Computer Science | GPA: 3.86

**U of Electronic Science and Technology of China, Sichuan 2011-2015**

B.E. in Computer Engineering | GPA: 3.78

## SKILLS

### Frontend, Javascript

- Babel, ECMAScript6/7(ES6/7), Async pattern
- React, React Router, Relay, Redux, Reason
- Webpack, Gulp, BrowserSync
- Jest, Mocha, Jasmine
- Prettier, ESLint, standardJS
- CSS/PostCSS, Styled Component, SCSS/LESS, BEM, Tachyons
- Scala.js, Clojurescript

### Backend

- Node.js, Python, Go
- PostgreSQL, Sequelize, MongoDB, FireBase, Redis
- GraphQL, Apollo

### Misc.

- MacOS, Linux/ AWS EC2, Docker, Heroku, Bash/Zshell
- Functional Programming, Object Oriented Programming
- Neovim/Vim, Tmux, Hammerspoon(Lua), VScode, Atom, Git
- Illustrator, Photoshop

## WORKS

### Web Developer/Designer 2016-present

[songwang.io](https://songwang.io) ([source](#)) — *React, PWA, Gatsby, GraphQL, Relay*

- Set up data driven flow using GraphQL and Relay pulling data to frontend.
- Designed and created all the CSS stylings without any UI framework's help.
- Implemented Higher order components and used FP coding style in ES6+.
- Optimized performance and scored 400/400 on Google Chrome's devtool.

[minisong.life](https://minisong.life) ([source](#)) — *React, Javascript, Styled Component, Illustrator*

- Created a dynamic time ticking component with react life circle.
- Designed and themed the SVG logo, background images and other stylings.
- Optimized the original images and lowered the sized by 60%.

[wangsup.com](https://wangsup.com) ([source](#)) — *Javascript, SCSS, HTML*

- Design and created the landing page with synchronized keyframe animations.
- Designed a mobile swap motion page with pure javascript and css.

### Independent Open-Source Developer 2016-present

[Vim git it](#) — A Vim plugin to execute asynchronous Git commands.

[Dotfiles](#) — Comprehensive scripts for system and application macros, managements, key mappings written in Shell script, Lua, Vim script and CoffeeScript.

[Word metrics](#) — A npm package to simplify, analyze and store data from articles. Tested with Jest and deployed with continuous integration.

[Stock crawler](#) — A Python crawler and parser to get stock option from two REST APIs.

[Chinese years](#) — A npm package with simple APIs to get Chinese zodiac years.

[React style kit](#) — A npm package includes my personal typography and components.