

# Yunhao Qiang

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Front-end Development Engineer

## Professional skills

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- Proficiency in HTML, HTML5 related technologies to build semantic and easy to maintain pages
- Proficient in drawing pages and animations using CSS3, familiar with CSS frameworks such as SCSS
- Proficiency in the use of flex, grid, and other layout methods for mobile adaptation, and responsive layout
- Proficient in Javascript, ES6, ES7 for development, maintainable code
- Proficient in using VUE for website development, understand vue router, vuex, vue cli(3), elementui and other related tools and frameworks
- Experience in the development of frameworks such as Baidu Maps, Gaudei Maps, echarts, jointjs
- Experience in jquery development, familiar with WeChat applet native development
- Development experience with typescript, node, koa
- Use git for versioning and webpack for project building
- Familiarity with component-based development patterns, package management tools such as NPM

## Work experience

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### Suzhou Kedacom Technology Co. (2018.11 - 2020.6)

Front-end Development Engineer. Technical Support Center

Suzhou

- Smart street patrol system
  - I led the front-end development of the project, refactoring the previously cluttered code, while ensuring the usability of the previous features, optimizing the development process so that other developers only need to focus on their own business logic.
  - I've encapsulated various ways to manipulate the map generic modules, including the layer module, the map interaction module, etc.
  - I have encapsulated pages with high development repetition so that other developers can develop using the same development model, requiring a minimal amount of code to develop, greatly improving project progress and quality.
  - With the project time and its tight schedule, I led the other developers to methodically develop the features, ensuring that the project was delivered on time, with quality and quantity.
- Dynamic Forms System
  - The form items and their layout can be configured by drag and drop, and the properties of each form item can be configured to generate a JSON.
  - Another module renders the form content on the page by reading the JSON and working with the background to generate the corresponding interface and database.
  - Support for real-time validation and cascading of forms, and the ability to customize form modules is also open to the user.
  - Development using VUE, responsible for the vast majority of the front-end development of the system from nothing to delivery use.
  - You can save most of the development work of simple forms in a project, you only need to configure the form to generate, project developers only need to refer to common components, which greatly saves project development time.
- Equipment tree component
  - Most of the department's core project components support thousands of groupings and front-end presentations for millions of devices, with multiple layers of lazy loading and multiple layers of data caching, ensuring the tree's high performance in large data volumes, while expanding nodes without waiting through various preloads.

- In order to meet the development needs of different projects and sites, it is highly configurable, highly flexible and maintainable code. The tree at its core is also pulled out, allowing for easy phased loading of data and pulling data from the server side via callbacks, greatly reducing application-side development time.
- I was fully responsible for the development and design of this component, which was unanimously approved by my colleague leaders.
- KEDA Open Platform
  - Facilitates developers to view and upload API or component documentation.
  - Includes an ability to parse the associated JSON generated by swagger or rap2 into its own JSON format, which can be displayed on the page, allowing the user to edit it. Support for unlimited levels of JSON data and the ability to fully display data details for nested objects and arrays. The component can also be converted into a JSON object containing information such as a description by accepting a normal JSON.
  - I am responsible for the front-end development of the project to write the core modules, and lead the newcomers in the development of non-core modules.

#### **Suzhou Playmate Technology Co. (2017.11 - 2018.10)**

Front-end development intern. Technical Support Department

Suzhou

- Game H5 activity page development, use jquery to develop the game activity page web page or mobile phone development, realize related game animation effects
- Playmate Questionnaire System
  - The development of questionnaire editing and viewing components using VUE, including the cascading component, allows the addition and deletion of cascading trees based on the implementation of the cascading function, and supports the rapid generation of cascading data using the text tree.

### **Educational experience**

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**Suzhou University of Science and Technology (Suzhou, China) (2014.9 - 2018.6)**

毕业时间

Geographic Information System (GIS) undergraduate

- Passed CET-6