

YICHAO WANG

yich-wa.github.io/portfolio

📁 Frontend/Web3 | 📞 +86 18868106604 | ✉️ yichao.wang.work@gmail.com | 🏠 Hangzhou, China | 📄 IELTS(G): 6.5

Education

Master of Software Engineering , Zhejiang University (Top3 in China) , GPA: 3.80/4.00 2019.08—2021.07

- The Visual Analytics and Intelligence Group of the State Key lab of CAD&CG, Zhejiang University

Bachelor of Architecture Design , Zhejiang University (Top3 in China) , GPA: 3.79/4.00 2013.08—2018.07

Experience

Frontend Software Engineer ByteDance Company 2023.04—2023.06

- **Keywords:** QianChuan Advertising App, Vue, Node, Micro-Frontend, Micro-Services Hangzhou, China

Frontend Software Engineer Tencent Company 2021.07—2023.04


- **Keywords:** Tencent Docs, Large-scale Complex Project, React, Ts, Canvas, Automation Testing, Teamwork ShenZhen, China

Frontend Development Intern Alibaba Company 2020.05—2020.08


- **Keywords:** Tangping E-Commerce App, Npm Module, React, Problem-Solving Hangzhou, China

Projects


QianChuan, Advertising App (at ByteDance Company) 2023.04—2023.06

- **Frame:** Micro-Frontend(Vue, React, Ts), Micro-Services and BFF(Node.js) 
- **Personal Tasks:** Developed and launched four essential features for the QianChuan App, including enhancements to the messaging module, smart coupon functionality, etc.

Tencent Docs, Doc (at Tencent Company) 2021.07—2023.04

- **Frame:** Self-made editor and workbench(React, Ts, Canvas, Webpack), Auto test(Unit, Integration, E2E) 
- **Personal Tasks:**
 - 1 **Text Layout SDK:** Developed a text layout SDK which included the fundamental text layout of text group, line, paragraph and section. Moreover, it offers 3 distinct vertical layout options, and accommodates the layout features of both Doc and PPT, and it's an essential part of a doubling of performance improvement.
 - 2 **PC Doc Table:** Owned the table module on PC, and completed its multi-phase development and optimization needs with quality and quantity, such as: shortcut operations of table rows and columns (add, delete, select, drag to change position), overall table operations (drag, zoom, adjust the width of the column, align), table floating toolbar, etc.
 - 3 **OOXML Format Compatibility:** Developed multiple needs of Format Compatibility, aiming at aligning Tencent Docs with Office Word at data level, conforming to the OOXML standard. It involved, enhancing data attributes, ensuring the import and export fidelity, aligning the editing functions. Specifically, self-owned modules included: table theme style template, text wrap of the table, page breaks, section breaks, etc.
 - 4 **Image Generate:** Owned the image generation Module. Adapted more than 3 new features for generating images, such as mind maps, SVG images, style collections, etc. Maintained and addressed more than 10 bugs of Dom2Canvas library, a crucial dependency for the Image Generation Module.
- **Enhanced Competencies:** Skilled in tackling complex engineering projects, adept at rapid issue identification, a proactive ownership mindset, and a strong emphasis on code performance and cleanliness.

Dnet Grammar (at Visual Analytics and Intelligence Group of CAD&CG) 2021.02—2021.04

- **Frame:** React, Redux, React-hooks, D3.js, Svg 
- **Target:** I undertook this project during my postgraduate studies, which focused on exploring and researching methods for visualizing dynamic graphs.
- **Tasks:** Explored various methods for representing the temporal dimension of dynamic graphs. By combining diverse graph layouts with specific visualization goals, the system could generate distinct graph forms tailored to different contexts.

Skills

Software Engineer Js, Ts, React, Tailwind, CSS, Html, Next.js, Redux, Webpack, Es6, Canvas, Jest, D3.js, Three.js, Node.js

Architecture Design Ps, Ai, Cad, Sketchup, Rhino, Revit, Vary, Grasshopper, Lumion