

CHENXI CHENG

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EDUCATION

New York University — Tandon School of Engineering

New York, US

- M.S. in *Computer Engineering*

Sept. 2018 – May 2020

- **Courses:** Data Structures and Algorithms, Principles of Database Systems, Introduction to Machine Learning

Huaqiao University — College of Information Science and Engineering

Xiamen, CN

- B.E. in *Telecommunication Engineering*

Sept. 2014 - July 2018

SKILLS

- **Programming Languages:** JavaScript, Python, Node, TypeScript, C, Matlab
- **UI Frameworks:** Ant Design UI, Element UI, Bootstrap, Material UI
- **Frameworks | Libraries:** React.js, Redux, Vue.js, Express.js, Egg.js, Django, Django Rest Framework
- **Databases | Cloud Platforms:** MongoDB, PostgreSQL, MySQL | Digital Ocean, Alibaba Cloud, Heroku

EXPERIENCE

Gudian Tech – Web Intern

Xiamen, China

Management System Website Project [Vue + Element UI + Node.js + Express.js + MongoDB]

June – Aug. 2019

- Created system based on Vue, Element UI, and Express.js, including content, operation, management items.
- Designed client side route restriction and server side auth middleware to protect route and verify login user.
- Implemented backend login interface by using JSON Web Token, bcrypt package, and token auth middleware.
- Designed CRUD middleware to reduce code redundancy and encapsulated global axios to catch global errors.

PROJECTS

Contact Manager Website Project [React + Node.js + Express.js + MongoDB]

Dec. – Jan. 2020

- Developed an online contact manager website based on React Hooks, Context API, Express.js, and MongoDB.
- Implemented functions of adding contact, updating contact, deleting contact, and searching based on keyword.
- Used React Hooks and Context API to implement global shared state, creating state, action, and reducer.
- Designed frontend private route and backend token verification middleware to protect route and verify user.

GitHub Finder Website Project [React Hooks + Context API + Axios]

Oct. – Nov. 2019

- Developed a GitHub finder front end website based on React Hooks, Context API, and GitHub REST API.
- Designed home and user detail pages, implemented navbar, spinner, search bar, user, repository components.
- Designed message alert component and alert context, providing different types of message alert to user.

Reddit Website Project [Vue + Axios + Element UI + Sass]

Feb. – Mar 2019

- Developed a node forum based on Vue, Element UI, Axios, and Sass, including home, detail, user pages.
- Encapsulated global axios including loading tips, request and response interceptions, global error handling.
- Created request APIs based on global axios instance to request home page, detail page, and user profile data.

Recipe Sharing Website Project [React + Ant Design UI + Less]

Oct. – Dec. 2018

- Developed a meal sharing website based on React, Ant Design UI, and Less, including home and details page.
- Designed common components including header, menu bar, card list, used jsonp to request third party API.