CHENXI CHENG

☐ (+1) 6464793736 ● ✈ chenxic1011@gmail.com ● ▭ www.chenxii.xyz

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, HTML, CSS, SQL

- **Frameworks | Libraries:** React.js, Redux, Vue.js, Express.js, Egg.js, Django, Django Rest Framework

- **UI Frameworks | Libraries:** Ant Design UI, Element UI, Bootstrap, React Bootstrap, Material UI, Tailwind CSS

- **Databases | Cloud Platforms:** MongoDB, MySQL, PostgreSQL | Digital Ocean, Alibaba Cloud, Heroku

EXPERIENCE

Gudian Tech *– Web Development 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 general CRUD middleware to reduce code redundancy and encapsulated global axios to catch errors.

PROJECTS

Contact Manager Website Project [React + Node.js + Express.js + MongoDB] *Dec. – Jan. 2020*

- Developed an online contact manager website based on **React**, **Node.js**, **Express.js**, and **MongoDB Atlas**.

- Implemented functions of adding contact, updating contact, deleting contact, and searching based on keyword.

- Used React Hooks and Context API to implement global state management, including state, action, 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.

- Used React Hooks and Context API to implement global state management, including state, action, reducer.

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.