
EDUCATION

- **Santa Clara University** Santa Clara, CA
M.S. Computer Science & Engineering, GPA: 3.7/4.0 Sep. 2021 – May. 2023
- **Northeast Normal University** Changchun, China
B.S. Library Science, School of Information Science and Technology, GPA: 3.78/5.0 Aug. 2013 – Jun. 2017

SKILLS & QUALIFICATION

- **Courses:** Algorithms, Database Systems, Computer Networks, Distributed Systems, Abstract Data Types & Structures, Embedded Systems & Assembly Language, Web Programming, Web Design and Development
- **Tech Stacks:** C/C++, JavaScript, TypeScript, React / Redux, HTML, CSS, Oracle, Fastify, Git, Latex

PERSONAL PROJECT

- **My Personal Blog**² Sep. 2021 – Jan. 2022
Where I learn and practice my skills apart from regular school works
 - Fastify as backend RESTful API, providing posts CRUD operations and user management functions, storing data in MariaDB. Developing and deploying using docker-compose.
 - React as the frontend Single Page Application UI framework, Redux as the single data flow controller. Using the Flex layout technique. Both frontend and backend are written in TypeScript.
- **UDP Protocol for Mobile Cellular Network** Sep. 2021 – Dec. 2021
The final project in the course Computer Network
 - Customized a 3-handshake protocol upon UDP for cell phone subscribers to request identification from mobile carriers for access permission to the cellular network by using C in unix socket.
 - Established a connection between client and server to send, receive, and parse data packages, handle errors, and set ACK timeout by using socket programming.
- **TCP Web Server For Network Communication** Jan. 2022 – Feb. 2022
The mid-term project in the course Distributed Systems
 - Developed a server that will retrieve the content of the requested file(.html/.jpg/.text,.etc) or return an HTTP error according to the HTTP requests the client sent.
 - Implemented GET method, supports HTTP/1.1 protocols, is able to handle multiple simultaneous TCP connections and will automatically end the connection which is idle for 60 seconds.

WORK EXPERIENCE

- **NetEase Media Technology (Beijing) Co., Ltd** Beijing, China
Intern & Senior Content Editor, theLivings Non-Fiction Literature Studio Jun. 2016 - Feb. 2020
 - Processed and analyzed daily traffic (PV, UV, DAU) of each distribution, increased subscribers, user retention and conversion rate by over 30%.
 - Web programming in studio's projects, such as *One Day in China*³ (HTML, CSS), HTML5 Pages.
 - Converted articles into HTML and published them online through the backend system.

¹My LinkedIn: <https://www.linkedin.com/in/yx-ren/>, latest resume: <https://yuxin.press/uploads/resume.pdf>²My Personal Blog: <https://yuxin.press>³*One Day in China*: <http://renjian.163.com/special/onedayinchina/>