

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, Web Search & Information Retrieval, Computer Architecture, Abstract Data Types & Structures, Web Programming
- **Tech Stacks:** C/C++, C#, JavaScript, TypeScript, Java, React / Redux, HTML, MySQL, Fastify, Git, Latex

WORK EXPERIENCE

- **Amazon.com Services LLC** Bellevue, WA
Software Dev Engineer Intern at AWS WorkDocs Jun. 2022 - Sep. 2022
 - Completed POC project of WorkDocs Drive for Linux based on Mono .NET framework
 - This systemd service able to invoked FUSE native callbacks using C# toolchain, able to mount a virtual directory under user home directory, and list / modify cloud contents under it
 - Integrated / Reimplemented existing authentication and file system logic for mac to Linux Client
- **NetEase Media Technology (Beijing) Co., Ltd** Beijing, China
Intern & Senior Content Editor, theLivings Non-Fiction Literature Studio Jun. 2016 - Feb. 2020
 - Web programming in studio's projects, such as *One Day in China*² (HTML, CSS), HTML5 Pages.
 - Converted articles into HTML and published them online through the backend system.

PERSONAL PROJECT

- **My Personal Blog**³ 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.
- **Yelp Database using MySQL and Java** Feb. 2021 – Mar. 2021
The final project in the course Database Systems
 - Developed a stand-alone data analysis Java application for Yelp's user's reviews. Mapped designed schemas to the MySQL. Able to select specific data with emphasis on database infrastructure.
- **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 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.

¹My LinkedIn: <https://www.linkedin.com/in/yx-ren/>, latest resume: <https://yuxin.press/uploads/resume.pdf>

²*One Day in China*: <http://renjian.163.com/special/onedayinchina/>

³My Personal Blog: <https://yuxin.press>