

## EDUCATION

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- **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

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- **Courses:** Algorithms, Database Systems, Distributed Systems, Information Retrieval, Web Programming
- **Tech Stacks:** C/C++, C#, JavaScript, TypeScript, Java, React / Redux, HTML, MySQL, Fastify, Git, Latex

## WORK EXPERIENCE

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- **Amazon.com Services LLC** Bellevue, WA  
*Software Dev Engineer at AWS WorkDocs* Apr. 2023 - Present
  - WorkDocs real-time collaboration editor *Quartz* - helped product GA, including support naming documents, text formatting, menu bar implementation, table insertion, highlight selection, structured commenting, footer and header. All features are accept concurrent modification.
  - WorkDocs new Web UI *Nova* - helped product GA, including reduce load time by 20% time less and 13% bundle size less, implemented activity feed filter, and admin plane.
  - WorkDocs *Native* Clients - worked on both macOS and Windows clients, familiar with native code, and file system APIs like FileProvider for Apple and CBFS on Windows. Also worked on enable Team Spaces folder feature, migrate client framework to .NET 8, take charge of many client releases and operations works. Consistently maintain team's Wiki runbook.
- **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* (HTML, CSS), HTML5 Pages.
  - Converted articles into HTML and published them online through the backend system.

## PERSONAL PROJECT

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- **My Personal Blog<sup>2</sup>** 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.

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

<sup>2</sup>My Personal Blog: <https://yuxin.press>