

Alexander Rose

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Experience

CCC Intelligent Solutions | Chicago, IL

February 2022 – Present

Associate Software Engineer

- Utilize Vue.js to create and implement various types of UI/UX and web applications, emphasizing user-centric design and efficient data visualization, all while seamlessly connecting with backend infrastructure.
- Collaborated closely with business analysts, QA teams, and designers utilizing Figma for wireframes and prototyping, leading to enhanced user experiences and streamlined workflows. Took the initiative to work on wireframes and convert them into code, while also contributing to the development of new products
- Revamped products UI/UX by spearheading the development of reusable components and taking initiative on new projects. Implemented these changes resulting in a substantial positive impact on the platform within a few months of joining the team.
- Participate in regular code reviews and provide constructive feedback to peers, maintaining codebase quality and consistency across projects.

Loyola University Chicago | Chicago, IL

May 2019 – July 2020

Service Desk Technician

- Troubleshoot and resolved technical issues for faculty, staff, and students on Windows, macOS, and Linux operating systems by using Ivanti Service Manager, Terminal, Zoom, and collaboration with several different technical teams.

Education

Loyola University Chicago

August 2018 – November 2021

Bachelor of Science in Computer Science

- Honors: Mulcahy Fellow, Dean's List (2019-2021)

- Relevant Coursework: Web Development, Software Engineering, OOP, Web Services, Data Structures, Algorithms

Projects and Academic Experience

Mulcahy Fellow

February 2020 - May 2021

Software Systems Laboratory/Loyola University Chicago

- Led a team of three students in collaboration with the Loyola Software Systems Laboratory under the guidance of a professor.
- Developed an engaging, educational website focused on the History of Computing, showcasing content in a distinctive manner.
- Utilized React, Next.js, Vercel, TailwindCSS, and Figma for wireframing to build a responsive and visually appealing website.

Digital Exhibit Concept for Chicago History Museum

October 2021 – May 2022

- Developed an interactive digital story highlighting the Chicago Black Panther Party, enhancing visitor engagement with historical content.
- Employed React, Next.js, Tailwind, Stitches for styling, and Figma for prototyping and wireframes to create an immersive, visually appealing website.
- Implemented a no-code workflow to efficiently manage diverse historical content, streamlining the content update process.

ThreeJS Snippets

September 2021

- Developed a unique VSCode extension for Three.js (3D graphics framework), specifically tailored for React and TypeScript users.
- Over 18,000 installs

Skills

Languages: JavaScript, Typescript, HTML, CSS, Python

Frontend Technologies: React, Vue, Next.JS, TailwindCSS, Svelte

Backend Technologies: Node, GraphQL, MongoDB, AWS, SQL

Software: Figma, GitHub, Gitlab, Visual Studio Code, IntelliJ, JIRA

Communication: Design proposals, technical documentation, technical analysis, presentations

Leadership or Activities

Don't Panic

May 2020 – December 2021

Vice President

- Organized events, supported the leadership team, and managed communication for Loyola University Chicago's largest computer science club.
- Revamped the club's website using Svelte and Vercel, resulting in an improved user experience.
- Expanded club membership to over 150 people during the Covid-19 pandemic, showcasing effective leadership in challenging times.