

# Loc Chuong

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## EDUCATION

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### UC San Diego

Bachelor of Science in Math / Computer Science, Minor in Business

San Diego, CA

Sep 2017 – Jun 2021

## EXPERIENCE

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### Frontend Engineer | Typescript, React.js, Redux, HTML, SCSS, NX

Sep 2021 – Present

Sage Network

Seattle, WA (Remote)

- Coordinated and led three Frontend teams to develop "Sage Network," a unified platform merging three products
- Established code structure and coding standards for web applications, leading knowledge-sharing meetings to promote best practices and maintain high code quality
- Provided technical support and expertise across various engineering teams to expedite project development, troubleshoot issues, and implement bug fixes
- Managed Azure Active Directory B2C to ensure seamless customer identity and access management, enhancing user experience and software security
- Collaborated cross-functionally with Backend, Design, and Product teams to ensure the success of projects and deliver high-quality software solutions
- Mentored and onboarded Frontend Engineering interns, fostering their professional growth and contributing to a strong and motivated team

### Frontend Engineer | Typescript, React.js, Redux, HTML, SCSS, Figma

Oct 2022 – Present

Contract (NDA)

- Took a pivotal role in end-to-end development of innovative features, from conceptualization to implementation
- Led Design System management, streamlining design process with Figma for application consistency
- Implemented optimization techniques that reduced application loading times by 48%

### Software Engineer Intern | Typescript, React.js, HTML, SCSS, C#, SQL

Jun 2021 – Sep 2021

Sage Network

Seattle, WA (Remote)

- Spearheaded development of "Insights" web application as part of a collaborative team effort to deliver an intuitive and user-friendly data-visualization dashboard
- Implemented robust input validation and conducted unit and integration tests for C# Backend, enhancing application stability
- Managed Azure Active Directory B2C to ensure seamless customer identity and access management, enhancing user experience and software security
- Demonstrated problem-solving skills, assisting in bug identification, and resolving complex issues

## PROJECTS

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### StudentBoard | JavaScript, React.js, HTML, CSS, Bootstrap, Firebase

Winter 2020

[Github](#)

- Dynamic full-stack web application offering users a comprehensive online learning platform
- Implemented secure and streamlined OAuth 2.0 authorization, integrating Firebase's Authentication API, to guarantee robust user authentication and authorization mechanisms
- Leveraged Firebase's NoSQL cloud database to architect and manage the back-end efficiently, facilitating real-time data storage and updates for a seamless user experience

### Pathfinding Visualizer | JavaScript, React.js, HTML, CSS

Fall 2020

[Github](#)

- Designed and engineered an interactive web application that offers captivating visualizations of prominent pathfinding algorithms, including Dijkstra's, A\* Search, BFS, DFS, and Recursive Sub-division
- Independently designed and developed an intuitive user interface, allowing users to interact seamlessly with various pathfinding algorithms

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6), TypeScript, HTML, CSS, SCSS, C#, SQL

**Frameworks/Libraries:** React.js, Express.js, Node.js, NextJS, RemixJS, Material-UI, Webpack

**Tools:** Git, Azure, SonarCloud, Figma, VS Code, Visual Studio