



ALAN RICH

FRONTEND DEVELOPER

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JOB EXPERIENCES

FRONTEND DEVELOPER

May 2022 - May 2024

FRONTEND DEVELOPER

Aug 2021 - May 2022

FRONTEND DEVELOPER

May 2019 - Aug 2021



EDUCATION

BACHELOR OF SCIENCE

2004 - 2008

PhD Candidate Molecular Biology

2013 - 2014



REFERENCES

RESEARCH INNOVATIONS

Employment Verification

OC TANNER

Employment Verification

RESEARCH INNOVATIONS INC.

Led the resolution of critical UI bugs in a complex configuration-driven system, enhancing system reliability. Optimized React components within an Nx monorepo, ensuring scalability and maintainability. Developed highly reusable code for a framework used across the company's entire product line, enabling efficient and consistent integration.

OC TANNER

Developed a responsive and intuitive employee recognition application using React, Typescript & MUI, improving user experience and engagement. Integrated GraphQL and RESTful APIs to enable real-time dynamic updates. Worked directly with clients to customize technical solutions, ensuring project success and client satisfaction.

UPWORK

Developed scalable front-end components using React, focusing on user experience optimization. Collaborated with designers to create user-centric interfaces that boosted engagement. Introduced modern ES6+ practices to streamline state management and code reusability.

BENEDICTINE UNIVERSITY

Thesis: "A One-Pot Asymmetric Robinson Annulation in the Organic Chemistry Majors Laboratory", [Journal of Chemical Education, 85 \(2008\) DOI:10.1021/ed085p1531](#)

ILLINOIS INSTITUTE OF TECHNOLOGY

Pursued advanced research and coursework in cancer genomics. Left the program to pursue more lucrative professional opportunities in software development.



PRO SKILLS

Human Resources

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Human Resources

+1-801-493-3007

- REACT
- JAVASCRIPT
- TYPESCRIPT
- CSS
- GRAPHQL
- MUI
- GIT