

# ZACH W. ADCOCK

Seattle, WA | ZachWAdcock@gmail.com | 904-881-8811

[ZachAdcock.com](http://ZachAdcock.com) | [linkedin.com/in/zachary-adcock](https://linkedin.com/in/zachary-adcock)

## SKILLS

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- Languages/Frameworks: JavaScript, ReactJS, Redux, NodeJS, MongoDB, Express, HTML, CSS, Tailwind, Pug
- Testing/Deployment: Jest, AWS Amplify, Heroku, Netlify
- Dev Tools: Git/Github/Bit, NPM/Yarn

## PROJECTS | [github.com/Zach-Adcock](https://github.com/Zach-Adcock)

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- Trip Planner - Designed to give you ideas for your upcoming vacation.
  - A React app built using Javascript and Styled Components, hosted by AWS Amplify.
  - Using user-input city names and trip dates, API calls are made to retrieve data on live sports, concerts, weather, and restaurants.
- Personal Portfolio Website - Created to introduce myself and the projects in my portfolio.
  - A React app built using JSX, HTML, and SCSS, hosted by Netlify.
  - Features a contact form run through Netlify.
- Sports Store - Simulating the inventory management of a sporting goods store.
  - Backend built using NodeJS and Express to interact with MongoDB.
  - Pug template engine used for dynamic rendering of the responsive user interface.
  - Images are stored in an S3 bucket.
  - Secured with csrf for CSRF prevention and user email authentication.
  - Hosted on Heroku.
- Groove Surfer - MERN app - Full stack application to recommend your favorite albums to friends.
  - Hosted on Heroku and Netlify.
  - Offers email and Google authentication.
  - Pagination applied to album display to increase app loading efficiency.

## EXPERIENCE

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### Fuse - Event Planning App Startup

Seattle, WA

#### Software Developer Intern

December 2021 - Present

- Lead developer on React app connected to a Node.js backend via GraphQL.
- Developed user interface through Material-UI and CSS.
- Optimized the domain SEO and implemented email waitlist for future Fuse users.

### GLY Construction

Redmond, WA

#### Project Engineer

January 2022 - Present

- Leading the project document control to serve as an efficient resource for all project members.
- Communicate project status and progress to the client and project team.

### Clark Construction - Washington State Convention Center

Seattle, WA

#### Engineer

August 2019 - January 2022

- Guided exterior and interior curtain wall trades to drive the building enclosure critical path.
- Drove coordination between architect, engineer, and owner to progress construction and project controls.

### University of Illinois Activities

Urbana, IL

- CMAA president (August 2016 - January 2019)
  - Lead the club executive board and represented CMAA before the UIUC Engineering Council
- UIUC Writers Workshop - Graduate Writing Consultant (August 2018 - May 2019)
  - Mentored grad/undergrad students and faculty members through the technical writing process

## EDUCATION

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### University of Illinois

Urbana-Champaign, IL

Master of Science in Civil Engineering

May 2019

Bachelor of Science in Civil Engineering

May 2018