


# ZACH JOHNSON

FRONT END SOFTWARE ENGINEER

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 309-219-6098

 zachjohns

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## SKILLS

React.js

JavaScript ES6

HTML5 / CSS3

UI/UX Design

GitHub & Git Workflow

Node.js

Express.js

Test-Driven Development

Agile Development

Adaptability

## EDUCATION

### Certificate in Front-End Engineering

Turing School of Software & Design  
- 2000+ hours at a 7-month accredited program  
- Member of Student Leadership Committee

### Bachelor's of Science

Major: Recreational Therapy  
Illinois State University, Normal IL

## PROJECTS

### SPELL SPOTTER

Solo Project

Tech: React, React Router, Cypress, CSS, FlexBox & Grid, Surge

Hosted At: <https://spellspotter.surge.sh/>

On GitHub: <https://github.com/zachjohns/spell-spotter>

- App targets a niche audience: new spell-casters to Dungeons & Dragons
- Can count spells they cast within 9 levels and select from extensive spell list
- Consumes DND 5th Edition API, [dnd5eapi.co](https://dnd5eapi.co)
- UX flow is carefully customized for a beginner user
- 100% coverage end-to-end testing with both happy and sad paths

### GO LOOK AT A TREE

Group Project

Tech: PostgreSQL, Express.js, Knex.js, React, React Router, Cypress, Surge

Hosted At: <http://golookatatree.surge.sh/>

On GitHub: <https://github.com/kendallha/go-look-at-a-tree>

- App with a stretch-tech focus on learning new back end tech; allows users to view different tree pictures and details as alternative means to relax
- Deployed with our custom-built API of 20+ tree details using Express & Knex
- Won 3rd place in Turing School's Demo Competition
- Agile Project Management through GitHub project board

### RANCID TOMATILLOS

Pair Project

Tech: React, React Router, Cypress, CSS, FlexBox & Grid, Surge

Hosted At: <http://rancid.tomatillos.surge.sh/>

On GitHub: [https://github.com/zachjohns/rancid\\_tomatillos](https://github.com/zachjohns/rancid_tomatillos)

- App that consumes a movie data API and allows users to navigate specific movie details similar to Rotten Tomatoes or IMDB
- Async functionality stubbed and tested through Cypress
- 100% Accessibility Score via Lighthouse

## EXPERIENCE

### MANAGEMENT

- **Group Home Manager** at St Louis Arc
  - Coordinated changes in order to achieve behavioral improvements across all 8 adult residents with intellectual and developmental disabilities
- **Worksite Community Supervisor** at Jewish Family Service of Colorado
  - Observed major benefits of work & life satisfaction for all 11 adults with intellectual and developmental disabilities

### DISABILITY SERVICES & MENTAL HEALTH

- **Program Instructor** at Sunnyhill Inc.
- **Special Education Aide** at Morton High School
- **Recreation Instructor** at Denver Adaptive Recreation & SOAR Bloomington
- **Activities Aide** at Apostolic Christian LifePoints