

# TREVOR LANE

trevoranthonylane@gmail.com • github.com/trevorhere • trevorlane.xyz

## EXPERIENCE

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### SimpleNexus — Software Engineering Intern

April 2019– Present

- Developed physical document mailing integration currently in commercial use by over 20 users
- Monitored team support queue on a weekly basis, troubleshooting and implementing over 20 bug fixes
- Learned and became proficient with new technologies such as Ruby, Rails, Vue.js

### BYU Archaeology — Full Stack Web Developer

Sept 2017 – April 2019

- Developed React application allowing archaeologists to record and store archaeological site data
- Authored GraphQL API service to connect React client and MongoDB data layer
- Designed data models and schemas with Mongoose to structure archaeological site data

### Zira Creative — Web Developer / Consultant

June 2016 – Present

- Launched online sales applications for multiple companies generating over \$100,000 in sales
- Advised multiple business owners to plan and develop business technology platforms

### Instructure — Software Engineering Intern

April 2018 – Aug 2018

- Expanded automated test coverage saving 100+ hours per year for full-time Test Engineers
- Spearheaded prototype Ruby application component connecting employees with similar interests
- Discovered, reported, and recommended fixes for over 50 bugs affecting 12,500+ users per week

### BYU Creative Marketing — Web Developer

June 2016 – July 2017

- Refactored multiple user interfaces on web applications serving over 31,300 students weekly
- Briefed university faculty and leaders on web technology capabilities and potential development options

## EDUCATION

### Brigham Young University

Expected Graduation: Apr 2020

- B.S. Computer Science
- Co-President for BYU Dev Club
- Google Games BYU 2017 - 1st place

## SOFTWARE SKILLS

**Proficient with:** JavaScript, Ruby, Rails, React, Vue GraphQL, Git, MongoDB, HTML, CSS, REST, Bash

**Experience with:** Java C++, C, PHP, Express, Node, DNS, Linux, Python, Android Native, React Native, Progressive Web Apps, Angular.JS, UX/UI, Selenium

## PROJECTS

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### Taskyv

- Designed application allowing users to manage tasks and task lists through web app and text messages
- Built text interface using Twilio which processes text commands to perform updates on user data
- Incorporated Passport.JS to processes user signup, login, and logout requests for user accounts

### RecrootBox

- Developed React static site template allowing beginning CS students to easily create a personal site
- Wrote technical documentation for students to clone, update and deploy project as their own website

### Other Projects

- Family Search: Android Native app allowing users to use Google Maps to track family history events
- CampRank: Web app allowing users to share and discuss and post pictures of favorite campsites
- Composer Match: JavaScript matching game that teaches students about classical music composition

### Additional Skills & Interests

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- Love teaching, presented technical training on Git, React, & professional skills at BYU Dev club, taught local web dev course
- Earned Eagle Scout, developed passion for camping,, skiing, canoeing, rafting, sailing, scuba diving, climbing, and welding
- BYU Jiu-Jitsu Tournament - 1st place, `16 & `17, Lifelong fan of mixed martial arts, Brazilian Jiu Jitsu, boxing and grappling
- Passion for entrepreneurship, started 5 small businesses including Zimbabwean chicken farm and brownie delivery company