

# TREVOR LANE

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## EXPERIENCE

### BYU Archaeology — Full Stack Web Developer

Sept 2017 – Present

- 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 automate 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

### Bluehost — Technical Support Engineer

Sept 2015 – June 2016

- Resolved issues with DNS records, databases, web applications, and web servers using Linux CLI tools
- Exceeded company goals for sales and client satisfaction while resolving over 2500 support issues
- Consistently ranked in top 5% in monthly sales revenue generated among 240 technical support agents

## EDUCATION

## SOFTWARE SKILLS

### Brigham Young University

Expected Graduation: Dec 2020

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

**Proficient with:** JavaScript, Node.JS, React.JS, GraphQL, Git, MongoDB, HTML, CSS, REST, Bash

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

## PROJECTS

### 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

- Love teaching, presented technical training on Git, resume and interview 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