TREVOR LANE

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EXPERIENCE

SimpleNexus — **Software Engineering Intern**   April 2019– Present
- Lead development of document mailing integration currently in use by 50 mortgage lenders
- Monitored team support queue on a weekly basis, troubleshooting and implementing over 100 bug fixes

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

SOFTWARE SKILLS

Brigham Young University
Expected Graduation: Dec 2020
- B.S. Computer Science
- Crocker Innovation Fellow
- President, BYU Dev Club

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

Experience with: AWS, Java C++, C, PHP, Express, Node, Linux, DNS, Python, React Native, Progressive Web Apps, Angular.JS, UX/UI, Serverless, AWS, IOT, Arduino, BLE

PROJECTS

Currence
- Built twitter clone built using React.js, Serverless, AWS Lambda, AWS SQS, & AWS API Gateway
- Architected scalable system design allowing 10k status updates in under 30s

GoodBaby
- Developed vibrating car seat insert which soothes upset infants, preventing distracted parent drivers
- Architected embedded IOT system to controls vibration patterns and transmit data to cloud data store

RecrootBox
- Developed Gatsby static site template enabling new students to easily create a personal website
- Published technical instruction documents and video, viewed by more than 400 people.

Other Projects
- Profit Wonk: React Web app, performs least squares linear regression illustrating optimal pricing data.
- FaxAsap.com: Affordable online faxing service using SendGrid, React & AWS Lambda.

Additional Skills & Interests

・ 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