

# TREVOR LANE

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

## EXPERIENCE

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### Breeze Airways — Software Engineer

December 2020– Current

- Solely lead implementation of offline mode allowing access to multiple features with no connectivity
- Developed multiple first-in-kind features like 'Adjust Journeys' enabling detailed modification of flights
- Supported commercial launch of apps, hosting 950k users and generating \$650k within 72 hrs of launch

### SimpleNexus — Software Engineering Intern

April 2019– August 2020

- Contributed to hybrid eClose solution, estimated to double company revenue (~20m ARR)
- Lead development of document mailing integration currently in use by 10k mortgage officers
- Offered position as full-time engineer, opted to join Utah based aviation startup instead

### 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 web 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 yearly for full-time Test Engineers
- Discovered, reported, and recommended fixes for over 50 bugs affecting 12,500+ users per week

## EDUCATION

### Brigham Young University

December 2020

- B.S. Computer Science
- Crocker Innovation Fellow
- President, BYU Dev Club

## SOFTWARE SKILLS

**Proficient with:** JavaScript, HTML, CSS, React, Angular, Vue, GraphQL, Git, REST, Terminal/Bash

**Experience with:** Java, RxJS, C++, C, Python, Ruby, PHP, NodeNext, Gatsby, React Native, Progressive Web Apps

## PROJECTS

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### DIY Keyboard Build

- Used 3D printer, microcontrollers, and soldered electronic components to build customized keyboard
- Implemented Ortholinear, split design with thumb clusters resulting in superior ergonomics

### Currence

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

### RecrootBox

- Developed NextJS site template enabling new students to easily create a personal website & blog
- Published technical instruction documents and video, viewed by more than 500 people
- Presented 30 minute project demo and workshop at Utah JavaScript Conference 2021
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### 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
- Lifelong fan of mixed martial arts, Brazilian Jiu Jitsu, boxing and grappling, BYU Jiu-Jitsu Tournament - 1st place, '16 & '17
- Entrepreneurship, started 5 small businesses including Zimbabwean chicken farm and brownie delivery company