

# Jeff Tingey

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## EDUCATION

**Brigham Young University**  
*Bachelor of Computer Science*  
• GPA 3.56

Provo, UT  
Apr 2020

## LANGUAGES & COURSE WORK

**Coding:** Java, C++, Python, C, Vue.js, Angular 4, NodeJS, SQLite, Android, JavaScript, HTML, XML, CSS, Git  
**Course Work:** Data Structures (C++), Discrete Structure (C++), Advanced Programming Concepts (Java, Android, SQLite), Software Design and Testing (Java, Android, SQLite, MongoDB), Algorithm Design (Python), Intro to Computational Theory, Computer Systems

## EXPERIENCE

### BYU Broadcasting

*Web Developer*

Provo, UT  
Apr 2018 – Current

- Play an integral role in transitioning the current web app from vanilla JavaScript into a Single Page App in Vue.js.
- Creating 20+ reusable components while managing data in the store and state.
- Experience in the back end using NodeJS and Sequelize to create CRUD operations to communicate with the database.
- Manage workflow through Jira, Slack, and frequent scrum meetings with the team.

### Elite Roofing LLC

*Web Developer*

Provo, UT  
Apr 2017 – Nov 2017

- Worked as a full stack developer in an agile environment to build a user friendly website for the roofing company.
- Coded in NodeJS, MongoDB, and ExpressJS for the server, and Angular 4 and TypeScript for the client.
- Worked remotely and communicated daily with the boss and team lead to create the desired website.
- Implemented bootstrap and primefaces interface to keep the code base dry.

### The Wolff Company Business Intelligence Tournament

*Lead Software Developer*

Provo, UT  
Sept 2018

- Lead the software development of a small team to create a fully functional original application built in Vue.js.
- Managed GitHub repository, and taught how to use GitHub to create branches, push, pull, and merge.
- Worked 16+ hours in under the 24 hour time limit to complete research of the topic and construction of the application.
- Presented our live site and research to a panel of judges, and answered questions on the spot.

## PROJECTS

### Ticket To Ride

Winter 2018

- Created a full Ticket To Ride android app using Java, XML, SQLite, and MongoDB.
- Implemented Model View Presenter, server/client side proxies and facades, a poller using a command pattern, store and states, DAOs, and services.
- Practiced pair programming and worked efficiently as a team to complete sprints by their due dates.

### Family Map

Fall 2017

- Built a complete android app of 60+ classes from the ground up that uploads and displays family history information.
- Integrated the Google Maps API to create an interactive map that displays markers and lines connecting life events.
- Created 100+ unit tests to ensure correct functionality and good programming practice.

## VOLUNTEER SERVICE

### The Church of Jesus Christ of Latter-day Saints

*Volunteer Representative*

Dnepropetrovsk, Ukraine  
Oct 2013 – Oct 2015

- Lead weekly team building meetings of teams of 6-10 volunteers and followed up on commitments.
- Interacted constantly with natives in the Russian language.
- Provided service for anyone willing to accept our service.