

## experience

### APPRENTICE SOFTWARE DEVELOPER

#### Nashville Software School ( 2016 - 2017 )

Intensive full-time software development bootcamp, focused on full-stack development fundamentals and problem solving

- Hands-on application of development fundamentals through group and individual projects
- Creating single page applications in **JavaScript** using frameworks **AngularJS** and **jQuery**
- Adding design to **HTML5** with styling tools **CSS3**, **Bootstrap** and **Materialize**
- Version control through daily use of **Git/GitHub**
- Building and utilizing servers and REST APIs with **NodeJS** and **Express**
- Deploying apps through **Firebase** and **Heroku**
- Test Driven Development using **Mocha/Chai**
- Interacting with SQL and NoSQL database engines: **MongoDB**, **PostgreSQL**, **SQLite**
- Rendering data using **Pug** (Jade) template engine
- Installing packages with **NPM** and **Bower**

### SOLAR TECHNICIAN

#### Oxbow Sunworks St Paul, MN (2012 - 2015) | Lightwave Solar Antioch, TN (2015 - 2016)

- Learned both the DC and AC end of Solar Installation
- Quickly advanced to a lead role which consisted of training/directing an installation crew in the field
- Worked on 100+ arrays, ranging in size from 3 kW to 500 kW

## education

#### UNIVERSITY OF MINNESOTA (2001 - 2006)

BA Mathematics | Minor: Italian

#### NASHVILLE SOFTWARE SCHOOL (2016 - 2017)

Full-Stack Software Development

## projects

#### JUXTA-POSITION | [m-tambo.com/juxta-position](https://m-tambo.com/juxta-position)

A side-by-side player comparison tool for fantasy football enthusiasts. Stats, projections and rankings were collected by making HTTP calls to multiple APIs. The data was handled and arranged with AngularJS, ChartsJS and JQuery. Users have the ability to register, login and save data, using Firebase behind the scenes. Materialize offered a sleek, minimalist styling. Angular's route params were employed to pass variables between URLs.

#### ENSEMBLIST | [github.com/m-tambo/ensemblis](https://github.com/m-tambo/ensemblis)

A social media app that brings professional freelance musicians together. This application seeks to connect musicians by allowing them to create a gig and invite nearby pros to collaborate with them. A full-stack web app built with NodeJS, ExpressJS, AngularJS and Bootstrap. The server-side database was made in PostgreSQL and maintained with the Knex/Bookshelf ORM.