

# Merriam Massey

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## TECHNICAL SKILLS

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Languages: JavaScript ES6+, CSS3, HTML5, SQL, NoSQL  
Applications: GitHub, MongoDB, Heroku, AWS  
Tools: Express, React, Node, Handlebars, Query, Bootstrap, Ajax

## PROJECTS

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**Jobless** <https://github.com/merriammassey/job-search> | <https://merriammassey.github.io/job-search/>

- Web app leveraging API of careeronestop.org and custom Google search engine to allow users to search for job postings by title and location then view both current job postings and relevant data from Bureau of Labor Statistics. Search history is saved on the device to facilitate repeat searches.
- Role: Co-author responsible for API request to Bureau of Labor Statistics and saving search history in local storage
- Tools: Ajax, HTML, Foundation CSS framework, custom CSS, Javascript, and JQuery

**Safer Sale** <https://github.com/merriammassey/Safer-Sale> | <https://safersale.herokuapp.com/>

- Web app that provides consumers an alternative to mainstream online classified ads sites by including a search for safe locations to meet up such as libraries and police stations.
- Role: Co-author responsible for integrating AWS S3, developing product model and routes, and refining front end design
- Tools: AWS S3, HTML, JavaScript, Node.js, Sequelize, MySQL2, Express, Express Session, Handlebars

**Social Network API** <https://github.com/merriammassey/social-network-api>

- An API designed for a social network web application where users share their thoughts, react to friends' thoughts, and create a friend list.
- Role: Author
- Tools: Express.js, MongoDB, Mongoose ODM, NoSQL

## ADDITIONAL EXPERIENCE

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**State Director**, Title 1, Part C, Arizona Department of Education, Phoenix, Arizona May 2019–June 2021

Led a team that managed data, grant disbursement and monitoring, family engagement, and identification and recruitment of students eligible for the Migrant Education Program, which ensures that children of migratory agricultural workers reach challenging academic standards and graduate high school prepared for responsible citizenship, further learning, and productive employment.

- Delivered targeted professional learning opportunities and coaching to achieve record enrollment during the pandemic when enrollment in similar programs across the country declined
- Collaborated with stakeholders to develop an employer database integrated into the MIS2000 tablet and desktop app to support relationship-building
- Developed and trained staff on implementing quality control procedures to comply with state and federal regulations
- Served as state database administrator for Migrant Student Information Exchange (MSIX)

- Analyzed data from the US Department of Agriculture, Department of Labor, and internal program data to inform identification and recruitment strategies
- Created partnerships with community and state agencies and agricultural employers
- Made key contributions to national consortia committee projects including the design of a career awareness toolkit and tech tools to support identification and recruitment

**Research Support Specialist**, Mayo Clinic, Scottsdale, Arizona October 2018–May 2019

Advised physicians and researchers on crafting winning grant proposals that aligned with target organizations' goals and RFPs.

**Independent Grant Consultant**, Remote May 2018–October 2018

Provided grant development services to a variety of non-profit organizations.

**Comptroller**, Sojourner Health Clinic, Kansas City, Missouri February 2009–June 2018

Served as comptroller for a student-run safety net clinic serving the homeless and medically indigent in downtown Kansas City.

**English as a Second Language Instructor**, University of Central Missouri August 2015–August 2016

Taught graduate and undergraduate English as a Second Language (ESL) courses in advanced communication skills, APA writing, advanced reading, and advanced grammar

**Coordinator**, Culturally Responsive Instruction for English Learners Project August 2013–August 2015

Coordinated the federally funded National Professional Development project supporting k-12 teachers of English learners in Kansas City Public Schools.

## EDUCATION

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**Full Stack Software Engineering**, Certificate, University of Arizona

**Master of Arts**, Teaching English as a Second Language, Webster University

**Bachelor of Arts**, English, Abilene Christian University