

I have a talent for world languages and a passion for computer ones! My background in education, management, and consulting shapes the way I engage with team members and the way I write my code. I'm a lifelong problem solver experienced at reverse engineering answers when documentation is outdated or non-existent. I don't stop until a solution is found. After years of non-profit work, I saw first-hand how software could create powerful solutions for real world issues. It's because of this, I decided to get back to creative problem solving and building solutions! I can't wait to take the next step of my professional journey.

PROJECTS

DESCONGELITO

As a community leader, educator, and advocate for immigrants and refugees, I encountered families impacted by interactions with law enforcement. Lacking the same rights as citizens, they are at risk for "disappearing" in the incarceration system without contact with family or legal representation. **Descongelito** (Spanish for "little melt") is an emergency plan invocation app, designed to send multiple custom pre-populated communications to user designated contacts at the touch of a button. Upon activation, the users location is logged on a global "heat map" allowing all users to track community interaction with law enforcement.

- Built with HTML, JavaScript, ReactJS, GoogleMaps API and EmailJS
- User is able to create, read, update and delete information regarding their contacts and emergency messages, send messages to emergency contacts and view global heat map showing interactions
- Styled using CSS, Bootstrap, Reactstrap, and UI/UX streamlined for intuitive use during emergency
- <https://github.com/MoSilvera/descongelito>

TAROH!

TarOh! is a tarot card learning app designed to make the process of practicing tarot experiential and fun. With TarOh! a user is able to give readings, manage notes on cards/ordinal positions, as well as save spreads.

- TarOh! is a C#/ ASP.NET web application built using Entity and Identity framework.
- <https://github.com/MoSilvera/TarOh>

ACADEMIC HISTORY

Certificate of Completion
Nashville Software School 2019

B.A. Spanish Language
Middle TN State University 2013

Certification to teach English as a Second Language | TN Foreign Language Institute 2014

EXPERIENCE

SOFTWARE DEVELOPER

Nashville Software School .

January 2019 - June 2019

- Hands on application of OOP fundamentals through group and individual projects reflecting real world business problems
- Source code version control with Git/Github
- Experience leading teams and structuring workflow on front end projects
- Project management/tracking with Github Projects & Issue tracking
- Built single-page applications with HTML, CSS, JavaScript, ReactJs, ReactStrap, and Bootstrap
- Task Automation with Grunt, linting with ESLint, module bundling with Browserify
- Application design through white-boarding dependencies and building ERDs
- Experience building c#/ ASP.NET web applications using Entity and Identity framework
- Built SQL queries using Azure Data Studio, SSMS, as well as within applications using ADO.NET

DIRECTOR OF ENGLISH PROGRAMS

University of TN's Institute for Public Service|

TN Language Center

2017 - 2019

- Responsible for budgeting, revenue generation, hiring, firing, and performance evaluation for three distinct departments within a state agency/University
- Managed multiple concurrent grants, both state/federal, and private, including all proposal writing, data tracking, and documentation
- Designed and executed diversity, inclusion, and cross cultural communication trainings for the purpose of educating public and private industry
- Experienced in client facing relations including the creation of individualized content, custom classes, and specified lessons, based on client focused acceptance criteria and budgeting needs.
- Strategic planning and implementation of large scale projects such as multi-organization Collective Impact Literacy initiatives, digitization of state certification testing, and new internal program creation
- Demonstrated history of multi-team management over multiple departments for both full time and part time employees (25+)

MANAGER OF REFUGEE YOUTH PROGRAMS/ ADULT EDUCATION SPECIALIST

Nashville International Center For Empowerment

2015-2017

- Created curriculum to reflect industry and education best practices
- Responsible for management, recruitment, training, and coordination of teachers and volunteers involved in youth and adult programs
- Designed programming for a wide range of age groups (4th grade-adult)
- Regularly reported to both the CEO and Board about internal progress and initiatives