

Taylor A. Liss

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Work Experience

Cambridge Systematics, Inc. 11/2017 - 7/2018
Associate Software Developer II

- Followed agile software development methodology to iteratively provide usable software solutions for three separate Ruby on Rails applications and one Spring Boot application for multiple transit agencies across North America
- Developed and maintained Python integration tests deployed within an Icinga2 monitoring system
- Monitored and ensured the validity of clients' GTFS data used by Cambridge Systematic's transit solution applications
- Wrote and troubleshot RSpec unit tests used within Cambridge Systematic's Ruby on Rails applications

Monster Worldwide, Inc. 5/2016 - 10/2017
Associate Release Engineer

- Supported more than 720 on-premise and 230 AWS Cloud build packages
- Administered SCM and defect tracking systems
- Setup and configured build and test environments
- Troubleshot build failures
- Researched, designed and implemented new technology and solutions to improve the SDLC process
- Supported Monster's internally developed deployment infrastructure during point releases and hotfixes
- Documented existing process and process changes

Boston Chinatown Neighborhood Center 7/2013 – 4/2016
Lead ESL Teacher

- Developed curriculum in accordance to government requirements, student needs, and pedagogical effectiveness
- Managed faculty, and taught English for College and Career Readiness to adult ESL learners

Education

Oregon State University Expected Graduation: Fall 2019
● B.S. Computer Science
Boston University Graduated Spring 2013
● M. Ed. TESOL
University of Massachusetts: Dartmouth Graduated Fall 2010
● B.A. History and Sociology – Anthropology

Technical Proficiencies

Python, C++, Java, C#, HTML, CSS, JavaScript, jQuery, ASP.NET, Node.js, Handlebars, Express, Git, Github, Perforce, SQL, Jenkins, JIRA, Confluence, Android, Android Studio, Maven, MSBuild, Assembly, Ruby on Rails, RSpec, Travis CI, Ansible, PostgreSQL, Spring, AWS

Notable Projects

Spitter | Python, AWS, Twilio API, Twitter API, Java, Android, Android Studio

This was a team project for BostonHacks 2017. We created a service using the Twilio and Twitter APIs that would allow a user to subscribe to a Twitter feed to receive phone calls that read any tweets made by that account. We developed a front-end Android app to make signing up for the service easier. The project was primarily written in Python and we hosted the project on an AWS EC2 instance using Flask and Elastic Beanstalk, with an S3 bucket for storage.

Hivestr | Java, Android, Android Studio, Satori API

This was a project done for AngelHack 2017. Our team created a messaging service in Android that allows you to talk with people around you, using GPS-enabled location-based filtering. Hivestr allows you to chat with people in your immediate vicinity about things you care about through the use of a unique "hive" system and utilizes the Satori API. Hivestr was runner up to the grand prize and won an award for best app to help veterans from Operation Code.

ESOL Curriculum Framework Benchmark Browser | Python, SQL

This program was designed to assist teachers in the creation of their lesson plans. Teachers used it to quickly find and select state-required benchmarks through an interactive GUI coded in Python linked to an SQL database.

Monster HDD Checker | C#, ASP.NET, HTML, CSS, Perforce, Windows Management Instrumentation

This was a tool I developed for Monster's internal use to query our numerous build boxes and report statistics about their hard drives. I coded the application in C# using WMI for hardware queries and reported the results to Monster's internal ASP.NET website. The app was deployed through Perforce, our version control system.