

Taylor A. Liss

tayloraliss@gmail.com | (617) 922-4633 | Everett, MA

EDUCATION

BOSTON UNIVERSITY

M.S. COMPUTER SCIENCE

Expected Graduation: Fall 2022

BOSTON UNIVERSITY

M.ED. TESOL

Spring 2013

UNIVERSITY OF MASSACHUSETTS: DARTMOUTH

B.A. HISTORY AND


SOCIOLOGY-ANTHROPOLOGY

Fall 2010

COURSEWORK

- Intro to Computer Science I & II
- Discrete Structures in Computer Science
- Data Structures
- Computer Architecture & Assembly Language
- Web Development
- Intro to Usability Engineering
- Analysis of Algorithms
- Operating Systems

SOCIAL

 tayloraliss.com

 tliss

 in/taylorliss

 @samort7

 Taylor Liss

SKILLS

Ruby on Rails

Python

Java

Git

HTML & CSS

SQL

Ansible

MSBuild

JavaScript

Azure DevOps

C++

INTERESTS

UI Design

Web Development

Linux

Open Source

Electronics

Sinology

Retro Computing

Teaching

EXPERIENCE

KBR, INC.

JUNIOR DEVELOPER

January 2019 - Present | Cambridge, MA

Public Trust Security Clearance

- Created a Python application to test the output validity of software used by the National Highway Traffic Safety Administration to regulate the Corporate Average Fuel Economy of automobiles
- Develop and maintain the build and release systems of the U.S. Department of Transportation's Aviation Environmental Design Tool (AEDT)
- Provide technical support and troubleshooting expertise to users of AEDT
- Oversee maintenance and security of web and database servers to keep them in compliance with the U.S. Department of Transportation's requirements

CAMBRIDGE SYSTEMATICS, INC.

ASSOCIATE DEVELOPER II

November 2017 - July 2018 | Medford, MA

- Developed 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 troubleshoot RSpec unit tests used within Cambridge Systematic's Ruby on Rails applications

MONSTER WORLDWIDE, INC.

ASSOCIATE RELEASE ENGINEER

May 2016 - October 2017 | Weston, MA

- Supported more than 720 on-premise and 230 AWS Cloud build packages
- Administered SCM and defect tracking systems
- Configured build and test environments and troubleshoot 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

PROJECTS

HIVESTR

JAVA & ANDROID June 2017

Our team created a messaging service in Android for AngelHack 2017. Using GPS-enabled, location-based filtering and Satori's live data API, it allowed you to chat with other users in your geographic vicinity. Our app was runner-up to the grand prize and won an award from Operation Code for its use in helping veterans.

ESOL CURRICULUM FRAMEWORK BENCHMARK BROWSER

PYTHON & SQL December 2015

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.