

Taylor A. Liss

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EDUCATION

BOSTON UNIVERSITY

M.S. COMPUTER SCIENCE

Expected Graduation: May 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
- Intro to Usability Engineering
- Analysis of Algorithms
- Operating Systems
- Web Application Development
- Server-Side Web Development
- Computer Language Theory
- Advanced Programming Techniques
- Software Design and Patterns
- Computer Networks
- Software Engineering
- Rich Internet Application Development

SOCIAL

 tayloraliss.com

 [tliss](https://github.com/tliss)

 [in/tayloraliss](https://www.linkedin.com/in/tayloraliss)

 [@samort7](https://twitter.com/samort7)

 [Taylor Liss](https://medium.com/@TaylorLiss)

SKILLS

Ruby on Rails

Python

Java

Git

HTML & CSS

SQL

Vue.js

MSBuild

JavaScript

Azure DevOps

C++

C#

.NET

PostgreSQL

AWS

Angular

EXPERIENCE

KBR, INC.

SOFTWARE ENGINEER

January 2019 - Present | Cambridge, MA

Public Trust Security Clearance

- Software developer for the U.S. Department of Transportation's Aviation Environmental Design Tool (AEDT) written in C# and built using .NET 5 with WPF and Microsoft SQL Server
- Primary devops technician for AEDT, maintaining build and release systems on AWS and SCM systems on Microsoft Azure DevOps
- Technical support expert for users of AEDT
- System administrator and developer of AEDT website
- Author of a utility application for testing the output validity of software used by the National Highway Traffic Safety Administration to regulate the Corporate Average Fuel Economy of automobiles

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 educators 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.