

Claire Boals

21 Quincy St, Medford, MA, 02155 | Cell: 901-569-9336 | claireboals@gmail.com | github.com/claireboals

Education

TUFTS UNIVERSITY, MEDFORD, MA

MAY 2020

Bachelor of Science in Computer Science, Minor Linguistics | School of Arts and Sciences

RELEVANT COURSEWORK

Data Structures (C++), Machine Structure and Assembly Language Programming (C), Programming Languages, Object Oriented Programming for Graphical User Interfaces (Java), Web Programming, Discrete Mathematics, Calculus II

Selected Projects

BI-SPOT RESOURCE LOCATOR – FRONT-END DEVELOPER

SEPT-DEC 2018

- Styled search bar and linked search queries to Google Maps API
- Built application that locates Bisexual Resource Centers based on user's location using HTML, JavaScript, React.js, and Node.js

WHAT'S THAT SONG – UX DESIGNER AND FRONT-END DEVELOPER

SEPT-DEC 2018

- Designed front page, search bar, and search results page, linked MusixMatch API to search, and wrote server code in Node.js
- Built app that streams music based on a user's lyric search using HTML, Bootstrap, JavaScript, and MusixMatch API

ARITH – DEVELOPER

OCT 2018

- Designed and implemented modules in C that worked together to compress images by quantizing pixel data and packing it into bits and decompress images by unquantizing and unpacking the data

Work Experience

TISCH DIGITAL DESIGN STUDIO – DIGITAL DESIGN STUDIO STUDENT ASSISTANT

SEPT 2018-PRESENT

- Format and print large posters for faculty, staff, and students, assist with Adobe CC and studio recording projects, manage and maintain lab space and computers, provide general customer service to library and studio patrons

TUFTS TECHNOLOGY SERVICES – CUSTOMER SERVICE REPRESENTATIVE

MAY-AUGUST 2017

- Troubleshoot various computer issues and communicated step-by-step solutions to patrons, provided support to faculty and staff using technology in their classes or work, managed and maintained large computer lab

Skills

PROGRAMMING LANGUAGES AND FRAMEWORKS

- Experienced with C/C++, Java, Python, JavaScript, Scheme, ML, HTML, CSS, Bootstrap; familiar with and interested in React.js, Node.js, C#

ENVIRONMENTS/TECHNOLOGIES

- Experienced with Git/GitHub, MacOS, Linux/Unix, Windows, Microsoft Office