

EDUCATION

- **Tufts University** Medford, MA
Bachelor of Science in Computer Science Sept. 2015 – May 2020
- **Relevant Coursework**
Data Structures, Algorithms, Web Programming, Computation Theory, Object-Oriented GUI, Machine Structure/Assembly

PROJECTS

- **Interactive MBTA Train Lines Map** Personal Project
Full Stack Engineer June 2021
 - **Technologies Used:** JavaScript, HTML, CSS, Google Maps API, MBTA API
 - Designed and implemented responsive web app to display MBTA lines, stops, and updated train information.
 - Implemented cache and utilized API filters to optimize and reduce necessary API calls.
- **Spotify Lyrics Search** Course: Web Programming
Full Stack Engineer TODO
 - **Technologies Used:** JavaScript, Express.js, jQuery, Bootstrap, MusixMatch API, Spotify API, Heroku
 - Led small team to create, design, and implement web app that searches lyrics and returns playable Spotify links.
 - Developed and optimized modules to query both APIs and translate response data to Spotify result.
 - Analyzed front-end wireframes for technical feasibility and implemented responsive design for search results page.
- **Bisexual Resource Center Locator** Organization: Tufts JumboCode
Front-End Developer Jan. 2019 - April 2019
 - **Technologies Used:** JavaScript, React, Express.js, HTML, CSS, Google Maps API, Heroku
 - Collaborated on Agile cross-functional teams to create web app that locates the nearest BRC and events.
 - Implemented map search functionality and front-end design for home page and search bar.
- **Image Compressor and Decompressor** Course: Machine Structure/Assembly Language
Software Engineer Oct. 2018
 - **Technologies Used:** C
 - Architected and integrated modules in a pair-programming setting to implement lossy image compression algorithm.
 - Implemented complex integrated modules to pack, unpack, and quantize binary data.
 - Ensured smooth module integration with rigorous automated and unit-testing strategies and composed thorough documentation of program architecture and design.

SKILLS

- **Languages:** Java, C, C++, JavaScript, HTML, CSS, Python, Ruby
- **Technologies:** Git, REST APIs, React, Node.js, Express.js, Bootstrap, Heroku, Netlify, Hugo, Shopify, WordPress

WORK EXPERIENCE

- **Freelance Web Designer and Consultant**
Self-Employed Dec. 2020 - June 2021
 - Analyzed client needs to design and create websites using Shopify and WordPress, identified and instituted back-end tools to assist and track growth, effectively communicated all stages of development with clients at weekly meetings, provided support and educational demonstrations to assist clients in maintaining websites post-contract.
- **Design Studio Assistant**
Tisch Library Digital Design Studio Sept. 2018 - May 2020
 - Troubleshoot and solved hardware and software issues, assisted patrons with designing and printing large format posters, maintained computer lab space and recording studio.
- **Technology Support Representative**
Tufts Technology Services May 2017 - Aug. 2017
 - Diagnosed, troubleshoot, and solved hardware and software-related issues for customers, communicated solutions thoroughly to each customer, documented all issues and resolutions in detail, escalated issues when necessary.