

ALEX HOWLEY

SOFTWARE ENGINEER

EXPERIENCE

Part-Time NetSuite Consultant | J&R Manufacturing

JAN 2023 - PRESENT, DALLAS, TX

- Improved company-wide organization by creating more than 10 new automated metrics and reports using SuiteScript

Musician & Audio Engineer | Freelance

DEC 2016 - PRESENT, DALLAS, TX

- Engaged with a diverse set of local artists by writing, producing, mixing, and mastering dozens of songs
- Published 2 classical pieces for solo percussion with C. Alan Publications

Web Content Manager | Lone Star Percussion

JUN 2015 - SEP 2022, DALLAS, TX

- Grew website engagement more than two-fold by designing and building a custom blog using HTML, CSS, and JavaScript
- Streamlined operations by creating hundreds of custom SuiteScripts, Workflows, Saved Searches, Reports, and Custom Records in NetSuite

EDUCATION

BrainStation | Diploma, Software Engineering

SEP 2023 - DEC 2023, ONLINE

Texas A&M University - Commerce | Bachelor's in English, Minor in Music

AUG 2014 - DEC 2017, COMMERCE, TX

- Graduated Magna Cum Laude with High Honors

PROJECTS

Creator | [Marble Melodies](#)

NOV 2023, CAPSTONE

- An interactive web app for creating generative music with gravity, built using Solid.js, Konva, Matter.js, Express, and MySQL.

Developer | [YouWatch](#)

NOV 2023, HACKATHON

- Led a team of four developers in a 24-hour cross-disciplinary hackathon to bring our UX team's product design for Roku to life.

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github.com/ahowley

SKILLS

HTML, CSS, JavaScript, Python, Node, React, Solid.js, Express, MySQL, DOM APIs, REST APIs, User Authentication, OAuth, Heroku, Excel & VBA, NetSuite & SuiteScript, Google Suite & Apps Script, SSH/SFTP, Git/GitHub, Jest, Google Analytics, Amazon Web Services, EasyAsk, Godot & GDScript

PROFILE

My education and career have strewn me across creative endeavors - from music, to writing, to software. Throwing myself at new skills and challenges invigorates me, and untold hours in practice rooms and rehearsals have fostered an addiction to identifying problems, structuring a solution, and executing a plan with precision.

Although programming has always been an outlet for this part of me, I completed the BrainStation Software Engineering program to solidify my skills and transfer my passion into a career.