JOSEPH YOUNG

Software Engineer
Astoria, NY

P: 317-709-6409 | **E:** musicjoeyoung@gmail.com | G: github.com/musicjoeyoung |
L: linkedin.com/in/joseph-m-young | W: www.josephmyoung.com

Skills

Proficient: Node; Javascript; React/Redux; Git; Babel; Express; HTML5; CSS3; Mocha; Chai; PostgresSQL; Three.js; Seqeulize; Tone.js; Sockets.io
Familiar: Python; Cloud Firestore/Firebase**;** Typescript; MongoDB

Relevant Projects

Virtual Music Stand - *Role: Sole Developer - github.com/musicjoeyoung/tone-piano*
- A "Virtual Music Stand" where viewers can view sheet music and practice with an in-app metronome. The experience mimics a physical practice room with a music stand, repertoire, and a metronome.
- Tech Used: React, React-PDF, Tone.js

Stick N' Pin - *Role: Team Developer - sticknpin.herokuapp.com/*
- Worked in a 4-person team to create an ecommerce store selling "stickers and pins" working both solo and in pairs to grow the front-end as well as a functional back-end.
- Tech Used: Webpack, Heroku, React, React-Redux, Sequelize, Socket.io, Passport Google OAuth, CSS.

Aether - *Role: Team Developer - aether-leo.herokuapp.com/*
- Worked in a 4-person team to create an audio/visual collaborative "jam" space, where users can co-compose music and render associated visualizations in real time. Final products can be saved and downloaded.
- Tech Used: Webpack, Heroku, React, React-Redux, Sequelize, Socket.io, Firebase, Three.js, Tone.js, CSS.

Publication

Tone.js Tutorial - *How to Make a Piano with Tone.js -* https://youtu.be/xTZLqcdRD-o
An instructional video on YouTube on how to make a basic one-octave piano using Tone.js.

Experience

Website Manager   6/2021 – Current
Developer for the 78th Army Band
- Builds, develops, and maintains the 78th Army Band website in order to provide a tool for the civilian community to connect and access the unit's social media resources.

New York Public Radio   11/2017 – Current
Front Office Administration/ Production Assistant
- Maintains security and conducts administrative tasks at the reception desk
- Assists in preparation and production of scripts and content for WQXR's Carnegie Hall Live broadcasts.

US Army   11/2004 – Current
Soldier / Executive Officer / Musician
- Serves as a Warrant Officer, responsible for management and well-being of a 50+ person team in all aspects related to HR, finance, and training.
- Programs, produces, and musically performs 100+ tri-state community and training events.

Education

Fullstack Academy, New York, NY   02/2021
Certificate, Software Engineering; 17-Week Full Stack Immersive

Hunter College, New York, NY   06/2019
Bachelor of Arts

Ball State University, Muncie, IN   06/2014
Master of Music, Music Composition