

# NICK CHEMSAK

SOFTWARE DEVELOPER

Portfolio: [nchemsak.github.io/](https://nchemsak.github.io/)



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



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## EDUCATION

Bachelor of Science  
Major: Recording Industry,  
Production and Technology  
Middle Tennessee State University

## PROJECTS

### eWave Music Studio

[ewavestudio.ephemeralwave.com](http://ewavestudio.ephemeralwave.com)  
[github.com/nchemsak/eWaveStudio](https://github.com/nchemsak/eWaveStudio)

AngularJS app implementing the Web Audio API and Web MIDI API.

My MVP goal was to create an audio effects processor that I could use in my home studio. Because of the endless possibilities with the Web Audio API, I was able to achieve many of my stretch goals including MIDI controllers and a drum machine / sequencer.

Users are able to plug an instrument into their computer via USB inputs and add effects processors, record/loop audio, and use a sequencer/drum machine. Users can also plug MIDI devices to trigger start/stop recording.

### Ephemeral Wave Art Store

[www.ephemeralwave.com](http://www.ephemeralwave.com)

A secure eCommerce store (with SSL certificate) created using Wordpress. Visitors can purchase my original art with Credit/Debit cards or a PayPal account.

I was interested in the big picture process of buying a domain, designing a Wordpress site, setting up an eCommerce store, and deploying it.

More projects:

[nchemsak.github.io/](https://nchemsak.github.io/)

## WORK EXPERIENCE

### APPRENTICE SOFTWARE DEVELOPER

Nashville Software School | 2016 - present

- Immersive 6 month coding bootcamp emphasizing front-end and back-end technologies, group projects, and Agile/SCRUM methodology.
- Created SPAs using Javascript, jQuery, AngularJS, HTML5, SCSS, JSON, AJAX.
- Deployed apps through Firebase and Github pages.
- Worked in groups, exercising best practices in workflow via Trello and Github Projects.
- Incorporated Django REST architecture to build API's using Python and SQLite.
- Created Python CLIs via Test Driven Development / unittest.
- Practiced workflow in a simulated team-oriented work environment, including daily stand-ups with technical manager and product owner.
- Designed databases with Entity Relationship Diagrams using MySQLWorkbench and Draw.io.

### IT DATASAFE SPECIALIST & TECHNOLOGY SPECIALIST

The Tennessee Credit Union | 2009 - 2016

- Primary company source for writing and automating SQL queries on an Intersystems Cache database.
- Designed an internal dashboard for automation processes using HTML/CSS, SQL, AutoIT, VBScript, and Smarterterm Cache Macros.
- Mapped and implemented IMM electronic forms using HP Autonomy Liquid Office, Javascript, and TotaleAtlas.
- Created extensive documentation of position procedures where none prior existed.

### DEALER RELATIONSHIP MANAGER

Gibson Guitar Corp - Baldwin Piano | 2008 - 2009

- Maintained business relationships with all Baldwin Piano dealers in the Midwest and West Coast.
- Prospected music stores for potential new dealerships, composed contracts and entered buy-in loan orders on GE and Textron financing.
- Created an Intranet website to organize reference material to serve as a central point of reference for the sales team.
- Baldwin is a division of Gibson, promoted to this position

### CUSTOMER SERVICE REPRESENTATIVE

Gibson Guitar Corp | 2004 - 2008

- Resolved customer issues and product spec questions via phone, email, IM, and forums.
- Trained new employees for 1st and 3rd shift positions.
- Became the only customer service representative for Baldwin and Wurlitzer Pianos.