NICK CHEMSAK

SOFTWARE DEVELOPER

Portfolio: **nchemsak.github.io**

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EDUCATION

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

PROJECTS

eWave Music Studio

ewavestudio-e15d0.firebaseapp.com
github.com/nchemsak/eWaveStudio

Angular app implementing Web Audio API and Web MIDI API. Users are able to plug an instrument into their computer via USB and add effects processors, record/loop audio, use a MIDI sampler, and sequence recorded audio via sequencer/drum machine.

My MVP was to create an audio effects processor that I could use in my home studio. I was able to achieve many stretch goals including MIDI controllers for triggering start/stop recording and a sequencer.

Doorbell Dash - IoT

github.com/nchemsak/doorbell_dash

An Internet of Things device implementing Raspberry Pi, Amazon Dash, Python/Django, Twilio and Imgur API's.

A Wi-Fi enabled doorbell using an Amazon Dash button, that when pressed, takes a photo with the Raspberry Pi camera and sends a photo text message to my phone via Twilio and Imgur. Photos are stored in a Django REST API and displayed with Django views.

Ephemeral Wave Art Store

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

WORK EXPERIENCE

APPRENTICE SOFTWARE DEVELOPER
Nashville Software School | 2016 - 2017

- Immersive 6 month coding bootcamp emphasizing front-end and back-end technologies, group projects, and Agile/SCRUM methodology.
- Created SPAs using Git, Javascript, jQuery, AngularJS, Grunt, HTML5, SCSS, JSON, AJAX, and various APIs.
- 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 that interact with an API.
- 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, VBA, and Smarterm 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.