Pierson Brannan

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Experience

Acuity
May 2020 to Present

Azure Serverless Developer

Works primarily with Microsoft Azure serverless, e.g., Functions, Logic Apps, Power Platform, etc., in a team of developers for a U.S. agency.

Black Willow, Inc.
April 2019 to May 2020

Web Developer
- Created Black Willow's website using Pug and SASS.
- Worked on an LDAP authentication plugin for Kong API Gateway in Lua.

QlikSense Extension Developer
- Developed and integrated a switchable dark mode for Qlik Sense Desktop with JavaScript and CSS.
- Used Python to automate the data cleaning, handling, and modeling prior to it entering a Qlik application.
- Wrote a SQL solution for Qlik Sense data loading script.
- Automated the workflow of a complex government process using Python and Bash, involving complex decision trees and intermediary logic from multiple relational databases.

U.S. Marine Corps
November 2018 to November 2019

Professional Tuba Player, D&B Co. MBW
- Maintained the highest level of proficiency in the tuba.
- Performed in over 300 performances in "The Commandant's Own", the United States Marine Drum & Bugle Corps, a premier government music ensemble.

Public Affairs Chief, D&B Co. MBW
- Meritoriously promoted to lead the Public Affairs Office, a billet typically held by an E-6 to E-8.
- Completed 87 projects with total U.S. Dept. of Labor estimated savings of $465,000.

Education

C.S.C. Web Development, General Assembly
March 2019. Washington, D.C.

High School Diploma, Wylie ISD
May 2013. Abilene, TX

Traders of the North

A simple Viking-themed trading game where the player competes with the computer to take home the best loot. Game is completely finished, but art is currently in commission and is released in chunks.
Repo: https://github.com/bananabrann/traders-of-the-north

- Built in React
- Uses a Node Docker image to host local development.
- Shell scripts automate deployment.
- Hosted on AWS S3, with DNS from Route 53 and CDN with CloudFront
- Compatible with Docker

Debbie the Decibel Reading Robot

Very simple robot that detects sound waves around it and converts and display the decibel level, all on an onboard Elegoo R3 microprocessor. This project was done to primarily show that I can do new things.
Repo: https://github.com/bananabrann/debbie
Physical item

- Pictures in the repo's README.md
- Built with C++ using the Arduino library

JdavisArrangements.com

A music site commission for Jon Davis's band arrangements. Site's functionality is complete, but not styling. Jon is able to login, upload an audio file with description texts, to which is then stored in a database and displayed dynamically on the site for customers to explore and listen to his work.
Repo: https://github.com/bananabrann/eb-jdavisarrangements.com
Never Deployed – Customer Loss of Communication

- Built with Django and Python
- Django built-in authentication
- User can upload an audio file, to which the site then successfully allows playback
- Setup to use AWS DynamoDB, but development environment uses local storage for its database of uploaded audio and text.