Christopher Jagoda

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- Highly motivated software developer with over three years experience contributing to the open source community.
- Able to quickly learn and master new technologies, equally successful in both team and self-directed settings and proficient in multiple operating systems, programming languages, tools, and testing methodologies.
- Well versed in test-driven development, good programming practices, data structures and algorithms, asynchronous/concurrent programming techniques, version control, and multiple SDLC models.

Education

Montclair State University   Montclair, NJ

B.S. Computer Science   May 2018

Employment

Software Engineer Intern - Advanced System Concepts   (2014 - Present)

C#, Typescript, HTML, CSS, SQL, Powershell, .NET, Nodejs, Angular, SQL Server, TFS, Git, Visual Studio

Worked on a scrum team developing an in-house software tool from the ground up to improve communication and productivity among developers.
Developed frontend architecture utilizing latest technologies and development practices.
Created REST endpoints and stored procedures to store and retrieve data.
Worked with various windows services and APIs.

Freelance Web Development   (2014 - Present)

Javascript, jQuery, Python, Django, HTML, CSS, SASS, Bootstrap, SQL, MySQL, Postgres, Redis

Worked with several content management systems designing, creating, and monitoring websites, and connecting databases to websites as well as database administration.

Projects - https://github.com/chrisjagoda

SVM Music Genre Classifier

Python, Flask, sklearn, tensorflow, librosa, matplotlib, numpy, pandas

Trained support vector machine learning model to recognize the genre of a given piece of music.
Improved model accuracy by performing data analysis on results to determine key features in each genre to improve model training. Developed web interface to upload songs and return the predicted genre.

Mesh Network Messaging App

Java, Kotlin, Android

Lead developer on a team of four for a senior year Software Engineering project.
Led team in app development following team written design document.
Contributed to development of test plan, wrote tests, and assisted quality assurance in writing tests.

Crypto Market Price Analyzer

Python, Flask, Google Cloud Platform

A command line utility for retrieving up to date cryptocurrency prices and information from an online cryptocurrency market price aggregator.
Retrieves, analyzes, and writes results to a google sheet with the Google Sheets API, with recommendations on when to buy and sell.