SCOTT MAXWELL

Data Scientist | Software Developer

See my portfolio website at scottmaxwellportfolio.com

Linkedin Profile
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Programming Projects:

Citrics.io

This application provides several different metrics for over 28000 cities in the United States. Users can easily search for and compare cities. My job as a data engineer was to collect the data, clean it, and deliver the data to the web application. I hosted the data on MongoDB and deployed an API for the site to use.

You can view the finished project here.

You can view the API documentation here.

Movie Box Office Predictions

Using data from IMDb.com, I created a model that predicts the revenue of a movie will produce. I explored the data to view the most predictive features to be release year and genre. I also created several different graphs to display the data. I found that using linear regression created the best model.

You can view the website for the project here.

Reddit Post Here

This project was heavily focused upon natural language processing. I was tasked with creating a predictive model that suggests a relevant subreddit to post in based on a user's text for their post.

You can test the model here.

Salty Hackers

The goal of this project was to determine and display the users of the site *hacker news* that had made the most angry, agitated, or upset comments. Using natural language processing I was able to create a model that determined the saltiest users, and created a flask api to display the results with dynamic end points. These end points are then used to display the data on the website.

You can view the website for the project here.

Skills:

- Python
- SQL & NoSQL
- Java
- C++ & C
- Web Scraping
- MongoDB
- PostgreSQL
- Amazon Web Services
- Machine Learning

Education:

Associate's Degree in Science with emphasis in Computer Science at CGCC

Currently Enrolled in the Lambda School Data Science Program: An accelerated online coding school.

What is Lambda School?

Lambda School is a 9 month long full-time programming school. Students meet 8 hours every day.

Work Experience:

Software Support Technician   August 2019 – Present

Location: Respondus - LockDown Browser

Remote Position

Responsibilities:

- Troubleshooting hardware and software issues
- Communicating with students steps to resolve problems over a live chat interface

Optometry Technician   December 2018 – November 2019

Location: Shane Johnston Optometry

Responsibilities:

- Scheduling and confirming appointments via Email, Phone, & SMS
- Organization of patient files & information
- Operating the Autorefractor & Retinal Imaging equipment

Computer Lab Technician   February 2018 – July 2018

Location: O' Connor Elementary (Mesa Public School District)

Responsibilities:

- Providing general Information Technology services to both teachers and students.
- Troubleshooting issues with school computers
- Updating the school's website

Software Sales Associate   June 2016 – February 2018

Location: Fry's Electronics

Responsibilities:

- Providing software product information to customers
- Make outgoing calls to customers

References:

<u>Dave Smetters</u> – President & CEO at Respondus, Inc.

Email: dsmetters@respondus.com

<u>Matthew Georgia</u> – Fry's Electronics Software Manager

Phone: <u>(408) - 599 - 0709</u>

<u>Scott Eshman</u> – O'Connor Elementary Principal

Office Phone: <u>(480) - 472 - 7877</u>

<u>Jeff Rowe</u> – Lambda School Team Lead

Email: jeffrowe822@gmail.com