Jason Burke

View Portfolio

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Summary

BS CS graduate looking to transition into backend/fullstack software engineering.

Education

2018–2019	**Bachelor of Science in Computer Science**, *Western Governors University*.
2016–2017	**Associate of Applied Science in CIT** - **Computer Programming**, *Austin Community College*.

Technical Skills

Languages:	Python, Java, SQL, C++, HTML, CSS, JavaScript
Frameworks and tools:	Machine Learning, Git, Plotly Dash, Flask, Django, Postman, REST APIs, Heroku, Pandas, Bootstrap, asyncio, Jupyter Notebook

Projects

Projects: **U.S. PPP Loan Disbursement:** *–click here for deployed app–* Dashboard mapping application exploring the U.S. PPP loans of 150K+. Using a dataset of over 650K entries, data was cleaned, addresses constructed, then converted to long/lat for display. *Utilizes: Plotly Dash, Pandas, Bootstrap, geocoders API, Heroku.*

Futurama Quote Finder: *–click here for deployed app–* This project searches a popular social network site finding instances of quotes from the television show Futurama. Data is displayed on a web dashboard, displays multiple graphs, and lists all quotes found with links to content.
Utilizes: Plotly Dash, asyncio, Pandas, multiple API's, Heroku.

Diabetes Prediction: *–click here for deployed app–* note* password:password/ username:username This project predicts the presence of diabetes in an individual/population given easily obtained personal data. *Utilizes: Pandas, Sklearn, Jupyter Notebook, Plotly Dash, Heroku.*

Certifications/Awards

2019	**Oracle Database SQL Certified Associate**.
2019	**Capstone Excellence Award**, *Western Governors University*.

Relevant Work Experience

Summer 2019 **Bioinformatics Software Development Intern**, Asuragen, Austin, Texas.
- Built/tested a Django application for searching and displaying user specified data from a large database
- Created robust unit tests for the application
- App was built using Django and Python. Development performed on a Linux system
- Other technologies used: JIRA, virtualenv, sqlite, postgres, bash

2018–2019 **Remote Programming Specialist**, Event Tech AV, Fort Collins, Colorado.
- Built/configured control applications for new audio/video installations
- Installed new network setups (hardware/software) configured to customer specifications
- Troubleshooting solutions to multiple technical issues

2016–2016 **Customer Support**, Apple Inc., Austin, Texas.
- Assisted customers with issues relating to Apple ID and security
- Provided exceptional customer service - 97 percent customer approval rating
- Troubleshooting, assisting, and guiding customers to a solution to multiple technical issues