

Jason Burke

Austin, Texas

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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

Github: <https://github.com/JasonPBurke/>

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