**Patrick Wickliff**

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**Summary**

Focused and reliable professional with over nineteen years of hands on experience in analyzing complex data to meet business demands. Regular use of strong verbal and written communication to effectively disseminate information to internal and external trading partners.

**Technical Skills**

**Languages:** Python, R, JavaScript, HTML, SQL, Unix scripting

**Applications:** GitHub, MongoDB, PostgreSQL, Tableau, Flask

**Tools:** Excel, Access, Pandas, Jupyter Notebook

**Work Experience**

**BUSINESS ANALYST** 2/2019 to 3/2020

**ICU Medical**  Austin, TX

* Supported additions, changes and enhancements to pending implementation of Oracle based system from development through production; recommended and implemented system enhancements (e.g., screen appearance and setup testing) using SQL.
* Collaborated with a 15 member team of analysts to develop new program specifications, to support specific customer needs and system upgrades.
* Participated in go-live support team’s effort in standing up of new system, training users and troubleshooting issues as they arose.

**BUSINESS ANALYST - Lead** 7/2015 to 1/2018

**Seton Family Health** Austin, TX

* Planned and implemented activities required for the collection and analysis of data related to departmental business needs.
* Developed and ran complex queries and developed databases and spreadsheets with pivot tables and dashboards to support area decision-making.
* Recorded, maintained and reported on all education activities for the Seton RN Residency Program participants.

**MANAGER - Data Integrity/Analytics & Reporting** 10/2013 to 9/2014

**Superior Health** **Plan** Austin, TX

* Mentored and managed a team of data analysts of variable skill and practice levels.
* Hands on development/reporting using TOAD for Oracle, SQL server, MS Access and MS Excel.
* Verified data on incoming monthly EDI X12 834 Enrollment files for over 800,000 Texas Medicaid recipients.

**MANAGER - Software Engineering**  7/2011 to 9/2013

**MAXIMUS** Austin, TX

* Managed Information Technology team of 7 members responsible for all systems modifications, file modifications, systems reporting, database management, data reporting and analytics.
* Monitored and reported on and 600+ interface files per month exchanged between MAXIMUS and the Texas Health and Human Services Commission, Texas Medicaid Managed Care Health Plans and the Texas Medicaid Claims Administrator.
* Created and monitored monthly and daily EDI X12 HIPAA 834 Medicaid Enrollment files sent to Managed Care Health Plans.
* Performed advanced analysis work, evaluated data for trends, correlations, and abnormalities to promptly identify and explain critical issues and probable outcomes.

**DATA ANALYST III**  1/2010 to 6/2011

**Superior Health** **Plan** Austin, TX

* Provided advanced analytical support for business operations in all or some of the following areas: Texas Health and Human Services Commission claims, Medicaid provider data, member data, and external reporting.
* Modeled data using MS Excel, MS Access, SQL, and/or other data warehouse analytical tools.
* Verified data on incoming monthly EDI X12 834 Enrollment files.

**Projects**

**Belly-Button-Diversity** | [**https://github.com/pwickliff1/Belly-Button-Diversity**](https://github.com/pwickliff1/Belly-Button-Diversity)

* Interactive dashboard that explores the [Belly Button Biodiversity dataset](http://robdunnlab.com/projects/belly-button-biodiversity/), which catalogs the microbes that colonize human navels.
* Role: Sole author
* Tools: Javascript, Plotly, D3

**Citi Bike Analytics** | [**https://tinyurl.com/y3vorcu9**](https://tinyurl.com/y3vorcu9)

* New York analytics on the largest bike sharing program in the United States.
* Role: Sole author
* Tools: Tableau

**Weather Web Visualizations |** [**https://pwickliff1.github.io**](https://pwickliff1.github.io)

* The purpose of this project was to analyze how the weather changes as you get closer to the equator. To accomplish this analysis, we first pulled data from the OpenWeatherMap API to assemble a dataset on over 500 cities.
* Role: Sole author
* Tools: Python requests, APIs, and JSON

**Education**

**Certificate, Data Analytics**

University of Texas, Austin Austin, TX

**A.A.S., Computer Programming**

Austin Community College, Austin Austin, TX

**Computer Science**

University of Texas, Austin Austin, TX