Nicole Wilbur

Colorado

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Education

Bachelor of Science, Computer Science (GPA 4.0)

Colorado State University

Master of Women’s Health

University of Melbourne

Bachelor of Arts, Sociology

Whittier College

Member of Sigma Tau Delta: English Honor Society; Alpha Kappa Delta: Sociology Honor Society

Technical Skill Highlights

SQL

Aggregations, Subqueries, Data Cleaning, Windows Functions, Advanced Joins

Tech Stack

SQL Server, Git, Java, JavaScript, Python, Crystal Reports, APIs, InterSystems Cache

Healthcare Specific

MyAvatar, Centricity

Projects

SQL/Python

Created SSMS tables to store, format, and summarize outreach data; created stored procedure to update tables; wrote Python program to run the stored procedure, analyze the information, and send a daily e-mail with the pivot charts and graphs attached.

MySQL/ Python

Creating a search engine that queries data from the National Parks Service APIs to allow users to search for parks, visitor centers, parking lots, and campsites that are ADA accessible and narrow the results by activities and topics of interest.

Experience

Jefferson Center EHR Analyst/Developer 8/2022 – Present

• Program and maintain backend EHR functionality using JavaScript.

• Build and maintain electronic forms utilizing JavaScript, XML, and HTML.

• Create documentation for in-house software solutions.

Jefferson Center EHR Application/Reports Analyst 1/2022 – Present

• Build, maintain, and troubleshoot Crystal Reports and EHR forms.

• Work as a part of interdisciplinary teams to ensure that managers and staff have the tools they need to provide high quality client-centered care.

• Received a shout out from the COO for work on reports for the Residential Recovery program.

Jefferson Center – Contract Forms Designer 7/2021 – 1/2022

• Learned Crystal Reports and assumed responsibility for Crystal Report building.

• Formatted over 340 EHR forms in less than three weeks.

• QA 79 reports in the new EHR environment; learned to build new forms and electronic forms.

COVID Check Colorado – Contract Data Analyst 2/2021 – 7/2021

• Created daily and weekly reports directing outreach and engagement work; data-driven efforts delivered over 300,000 vaccines 60% of which went to BIPOC and high-risk individuals.

• Sole manager and administrator of the SSMS database within a month. All improvements, queries, tables, and stored procedures were my creations and responsibility.

• Created over 60 dashboards/reports in Zoho Analytics to inform customer service operations and staffing.

CareSight – Contract Data Analyst/Database Manager 11/2019 – 3/2020

• Created a data integrity verification system (tables, stored procedures, and end user reports) to compare the record count in the replicated databases vs the source databases.

• Created jobs to check that the replicated databases maintained current data and sent e-mails to the data team should a database lack current data.

The Center for Mental Health Quality Assurance Director 11/2018 – 8/2019

• Collaborated with data analyst to create and publish SQL reports for performance incentive measures and KPIs.

• Successfully submitted data and analysis on two quality improvement incentive programs grossing over $250,000.

Prism Health North Texas Analytics and Innovation Director/Clinic Administrator 7/2012 – 11/2018

• Special recognition twice from federal grant project officer for the quality program/activities completed.

• TMF Quality Innovation Network quality consultant highlighted the QM program as a “high performer.”

• Decision-maker in buying a new electronic health records (EHR) system, built and implemented the EHR and all add-ons at both medical clinics. Then, successfully created a manual, trained, and rolled out the EHR system to over 50 EHR-naive social workers.