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, Power BI, 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	Created 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 – 8/2022
- Built, maintained, and troubleshooted Crystal Reports and EHR forms.
- Worked as a part of interdisciplinary teams to ensure that managers and staff have the tools they needed 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.