**Connor Smith**

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Summary

Highly organized and ambitious data analyst experienced in database design and creation, data retrieval, broad-range analysis, process documentation, and client interaction for purposes of resolving operational challenges and enhancement requests. Demonstrated organized self-starter. Analytically minded professional with a strong intuition for identifying and proposing solutions for areas of operational improvement. Adaptable, dedicated multi-tasker with strong ability to work collaboratively with individuals across a broad range of disciplines.

Education

**Oregon Health & Science University,** Portland, OR

Masters of Science, *Bioinformatics and Computational Biomedicine Expected: March 2019*

Relevant Coursework: Practice of Healthcare, Data Analytics, Research Methods/Bioinformatics,

Probability and Statistical Inference, Statistical Methods, Algorithms

**Oregon State University,** Corvallis, OR

Bachelor of Science, *Biology* December 2014

*Minor in Chemistry*

*Minor in Spanish*

Relevant Coursework: Quantitative Analysis

Professional Experience

**Oregon Health and Science University,** Portland, OR 2015- present

*Informatics Research Associate (*3/18 – Present)

* Developed SQL scripts for analysis of large scale electronic health record data for the Veterans Health Administration in conjunction with a national project for telemedicine in Sleep
* Developed dynamic visualizations in accordance with a pilot for the Agency for Healthcare Research and Quality (AHRQ)

*Senior HRIS Analyst (*10/17 – 3/18)

* Designed and developed an Oracle database to perform daily analysis on data extracted from 22 reports from Occupational Health vendor
* Created and modified a web interface for rapid reporting and analysis of Occupational Health data to managers, including a ticket request system

*HRIS Analyst (*05/16 – 10/17)

* Developed procedures and packages in PL/SQL for an Oracle database to manage data import, processing, export, and auditing
* Managed the testing, documentation, education, and release of the ePAR system for Human Resources

*Human Resources Systems Specialist (*7/15 – 05/16)

* Managed records and HR Actions in Oracle for approximately 200 organizations at OHSU
* Self-taught SQL, Pl/SQL, Microsoft VBA in order to increase efficiency and results

**United States Army Reserves**, Portland, OR 2011 – Present

*Reservist, HR Specialist, 909th HR Co*

* Proficiency in professional document production and regulation research
* Extensive experience with database management and mass data entry

Honors and Awards

*Design Challenge Runner-up –* **8th Annual Workshop on Visual Analytics in Healthcare**, November 2018

Publications

Totten AM, **Smith C**, Dunham K, Jungbauer RM, Graham E. Improving Access to and Usability of Systematic Review Data for Health Systems Guidelines Development. Methods Research Report. (Prepared by the Pacific Northwest Evidence-based Practice Center under Contract No. 290-2015-00009-I.) AHRQ Publication No. 19-EHC010-EF. Rockville, MD: Agency for Healthcare Research and Quality. February 2019. Posted final reports are located on the [Effective Health Care Program search page](https://effectivehealthcare.ahrq.gov/search?f%5B0%5D=field_product_type%3Aresearch_report&f%5B1%5D=field_product_type%3Asystematic_review&f%5B2%5D=field_product_type%3Atechnical_brief&f%5B3%5D=field_product_type%3Awhite_paper&f%5B4%5D=field_product_type%3Amethods_guide_chapter&sort_by=field_product_pub_date). DOI: [https://doi.org/10.23970/AHRQEPCMETHENGAGEIMPROVING.](https://doi.org/10.23970/AHRQEPCMETHENGAGEIMPROVING.%C2%A0)

Skills

*Platforms & Applications:* Microsoft Suite (Access, Excel, Powerpoint, Publisher, Word, Outlook, VBA Macros, Sharepoint); Windows; iOS; Google Drive; Qualtrics; Oracle; Toad; SQL; PL/SQL; Oracle Application Express (APEX); OnBase; Git; Python; R; HTML & CSS; Tableau

*Database:* Relational Database Theory and Development, Management, Utilization; SQL; PL/SQL; Apex; Access

*Bioinformatics*:Classroom experience in analysis of high-throughput sequencing, machine learning techniques, exploratory data analysis, principle component analysis; Effective data visualization; Project management

*Visualization*: Experience using a variety of methods for development of interactive and static visualizations for data analytics and presentation, including R, Python, Tableau, and Microsoft Office.

*Language*: 8 years of Spanish, a completed Minor, and basic conversational skills