

Farrah Hermes, MPS, BS

Hermes.farrah@gmail.com | [Linkedin](#) | 571-437-9305 | Richmond, VA

Key Skills Data Analytics, Database Management, Database Engineering, Data Architecture, Data Visualization, Reports, ETL, SQL, Python, Power BI, Spotfire, Tableau, Alteryx, Power App, Power Automate, Snowflake, Spotfire, Clinical Trial Research, Azure, Synapse, Cloud PC, Virtual Machine

Education

Masters in Biomedical and Health Informatics, Public Health
University of North Carolina at Chapel Hill, Chapel Hill, NC

May 2020

Bachelors in Bioinformatics, Genomic,
Certificate in Product Innovation
Virginia Commonwealth University, Richmond, VA

Aug 2017

Experience

ICON plc, Remote

Aug 2023- Current

Senior Business Intelligence Analyst

FSP Clinical Data Analyst at Pfizer

- Creates workflows in Alteryx to clean up and harmonize clinical trial data from EDC across portfolio to develop dashboards in Power BI and Spotfire for end users around the world including clinicians, data scientists and clinical trial staff
- Develops applications in Power Apps for internal teams to replace manual excel process to make data clean-up efforts more efficient and trackable
- Set up and manage back-end data automation operations in Power Automate and Alteryx in order for end users to have the most up to date information to make informed decisions for clinical trial patient treatment

Data Operations Analyst, Aster Insights, Remote

Jan 2023 – Aug 2023

Medical Informatics Analyst, Aster Insights, Remote

Aug 2021 – Dec 2022

- Served as liaison between engineering and business teams to automate, monitor and track specimen acquisition for data processing from vendor API
- Functioned as a BI technical consultant for product team by partnering with data users to gather, document, and develop data and information requirements to create python and SQL scripts to develop data tables used for KPIs in Power BI
- Collaborated with business teams, data engineers and IT to support data governance programs, identified correct data to use as a source of truth for information to ensure data are used consistently and cohesively

Data Consultant, Marsh and McLennan Agency- Raleigh, NC

Mar 2020 – Jul 2021

- Client facing data analyst that supported the PATH (Planning & Analytics for Total Health) North Carolina team with data analytic consulting services for over 60 clients across the state from hospital systems, construction, truck driving companies
- Created clinical and population dashboards and healthcare reports from data warehouses with in depth analysis reports that provided insights for clinical and health management consultants
- Collaborated with account management team to establish clients healthcare and company needs set client meeting expectations
- Performed quality assurance for carrier data entering Cotiviti and Artemis data warehouses and work with health insurance companies to correct any data discrepancies

Intern, Digital Health Institute for Transformation (DHIT)—Chapel Hill, NC Nov 2018 – Dec 2019

- Collected health, environmental, and community datasets to address health disparities in communities across North Carolina focusing on social determinants of health
- Created community resource map for Eastern Carolina that located where hospitals, community centers, libraries, general doctor practices and transportation services are located to identify gaps in access to healthcare
- Supported DHIT collaborative projects with local universities and organizations and sponsorship activities while maintain current DHIT partners and affiliates leading up to the DHIT Summit in 2018/2019 as well as contributed content to the white papers that followed each summit

Data Analyst, Integrated Laboratory Systems- Research Triangle Park, NC Oct 2017– Jul 2019

- Supported principle NTP investigators and senior toxicologists on the computational toxicology team and client-based projects to create alternatives to animal testing by analyzing the non-animal testing and various methods to predict toxic chemical effects in humans
- Coordinated and ran multiple interagency government workgroup to present results and recommendations
- Managed multiple project streams that fed into the Integrated Chemical Environment (ICE) database for the launch of ICE 2.0 (<https://ice.ntp.niehs.nih.gov>)
- Designed and implemented Jira/Confluence workflow for department

Experiences Continued

Assistant, Venebio Group, LLC, Biotech/Health Sciences - Richmond, VA Aug 2016 – Jun 2017

Intern, NIH, National Center for Biotech Information(NCBI), Bethesda, MD May 2016 - Aug 2016

Research Asst., VCU Dpt. of Human & Molecular Genetics, Richmond, VA. Mar 2015 - May 2016

Certifications

Lean Six Sigma Yellow Belt, 2019

Da Vinci Certificate in Product Innovation, 2017

Honors and Awards

Junior Board Member, The Massey Alliance

July 2023- Current

Telikicherla Higher Education (THE) Foundation Scholar, 2018

Digital Health Impact + Transformation (DHIT) Fellow, 2018

Intramural Research Training Award (IRTA), 2016

Publications/Presentations

Data-Driven Client Solutions: Addressing Chronic Conditions and High-Cost Claimants. **Hermes, F.**, Sherril, S., and Victory, B. (2021)

Community Impact + Digital Transformation. University of North Carolina at Chapel Hill. Carolina Health Informatics Program (CHIP). (2020)

2020 Roadmap to Impact. Digital Health 360: Accelerating the Future of Health. Digital Health Institute of Transformation (2020)

Bell, S. M., Cariello, N., Ceger, P., Chang, X., **Hermes, F.**, Karamus, A., Mansouri, K., McAfee, E., Rai, R., Allen, D., Casey, W., and Kleinstreuer, N. The integrated Chemical Environment: Tools and Data to Support Toxicity Assessments. Society of Toxicology (SOT) (2019)

Kovlakath A., Mohamad S., **Hermes F.**, Wang S.Z., Ginder G.D., Lloyd J.A. (2018) In Vitro Erythroid Differentiation and Lentiviral Knockdown in Human CD34+ Cells from Umbilical Cord Blood. In: Lloyd J. (eds) Erythropoiesis. Methods in Molecular Biology, vol 1698. Humana Press, New York, NY