
Skills Summary

Python	SQL	Spark/Hive
Bash	Git	CI (Gitlab CI)
Docker	OpenShift	Airflow
R	Java	C/C++

Work Experience

Red Hat 8/2018-Present

Senior Data Engineer, Team Lead

- Lead a team of 6 Data Engineers, within a larger analytics team consisting of Data Analysts and Data Scientists. Team lead responsibilities include leading Sprint planning calls, advising in project meetings, training team members, performing code review, assisting with hiring, and representing the team in various cross functional initiatives.
- Collaborated with other Platform Data Engineers to build and maintain a distributed analytics platform for the larger team.
- Develop python packages to streamline data engineering and data science workflows
- Develop CI pipelines to test and deploy production code throughout the team analytics platform
- Write large scale ETL pipelines to be orchestrated in containerized environments via Airflow

Valassis Digital 1/2017-8/2018

Marketing Scientist

- Set up and perform measurement studies for digital marketing campaigns
- Generate robust post-campaign insights using a variety of data sources (point of sale, panel, demographic, interest etc.)
- Develop python packages to streamline the workflows of the marketing science, and insights data analysis teams
- Build standardized, and dynamically populated tableau templates for use across multiple teams

Mu Sigma 9/2015-1/2017

Analytics Associate

- Work with clients from two Fortune 100 companies to deliver scalable analytics solutions
- Manage and work alongside a team of data scientists in Bangalore to ensure high quality client deliverables
- Involved in the development and validation of two large scale statistical modeling projects
- Perform Ad Hoc analysis, reporting, data mapping, and database QC using SQL, Excel, and R
- Plan and build dashboard visualizations in Tableau and Excel to facilitate insight generation

Education

Bachelor of Science in Biology, Bachelor of Arts in Economics, Chemistry Minor, May 2015

University of North Carolina at Chapel Hill, Chapel Hill, NC

Honors: Omnicron Delta Epsilon, Buckley Public Service Scholar, Hayden B. Renwick Academic Achievement Award

Research Experience: Ko Lab (UNC School of Dentistry), Ke Lab (UNC Genetic Medicine Building), Breese Lab (Bowles Center for Alcohol Studies)

Publications: Discovery of 3-(4-hydroxybenzyl)-1-(thiophen-2-yl)chromeno[2,3-c]pyrrol-9(2H)-one as a phosphodiesterase-5 inhibitor and its complex crystal structure

Computer Programming Certificate, January 2019-Present

NC State University, Raleigh, NC

Relevant Coursework: Java I, Java II, Discrete Math, C and Software Tools, Assembly Language, Operating Systems