Data Analyst

RYAN DRAKE

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Objective

I am a Google Certified Data Analyst with a diverse background and deep scientific skillset. I am seeking employment in data analytics where someone with 2+ years of experience and who is passionate about data can excel.

Skills

Technical Skills
SQL, Python, R, React, JavaScript, Tableau, Microsoft Excel, SPSS

Certifications
(Google)
Google Data Analytics Certificate
(Other)
Too many to list, please visit my LinkedIn certificates section

Technical Skills Portfolio
DrakeOpensource.github.io

General Skills
Exploratory Data Analysis, ETL, A/B Testing, Pattern and Trend Identification, Data Preparation, Data Analysis, Web Analytics, Visualization of Data Insights, Data Reports, Machine Learning

Soft Skills
Communication, Storytelling, Adaptability, Critical Thinking, Problem Solving, Troubleshooting, Business Sense, Curiosity, Collaboration

Publications
Janbatian H, **Drake R, Melki S**, Brenner J. The effect of low predicted/calculated postoperative keratometry on corrected distance visual acuity after LASIK. J Cataract Refract Surg. 2019 12; 45(12):1770-1776. PMID: 31856988.

Relevant Work Experience

PROJECT LEAD / AI RESEARCH - The Ong Lab - Boston, Massachusetts - December 2019 - June 2021
- Wrote and won a competitive national grant to perform a study on predicting stroke from heart disease
- Project lead and manager, AGILE workflow, coordinated data collaboration between groups
- Executed ETL to congregate and standardize healthcare data from multiple hospital systems and international studies
- Completed statistical and ML driven analysis to achieve project outcomes

OPTHALMIC TECHNICIAN / LASER RESEARCH - Boston Laser - Brookline, Massachusetts - 03/2017 - 12/2018
- Performed many roles: ophthalmic technician, surgical assistant, client operations, research
- Published original statistical research based on data that evidenced against a commonly held belief in refractive surgery

QUANTUM CHEMISTRY RESEARCH - The Velarde Lab - Buffalo, New York - 08/2014 - 06/2016
- Developed software (LabVIEW, C++) to interface optical devices, collect spectral data, and perform complex calculations
- Rebuilt and coded (DOS) analytical equipment to deposit lipid layers on slides
- Performed research on nano-particle interactions with cell membranes

Education

BOSTON UNIVERSITY SCHOOL OF MEDICINE - Medical Doctor MD - Boston, Massachusetts - 07/2018 - 02/2021
- Performed AI research and data-focused projects (see above)

BOSTON UNIVERSITY SCHOOL OF MEDICINE - Medical Sciences MS - Boston, Massachusetts - 07/2016 - 06/2018
- Regularly volunteered at the Outreach Van Project, a community outreach program to provide food and medical assistance to the underserved in Greater Boston

UNIVERSITY AT BUFFALO - Chemistry BA, Psychology BS - Boston, Massachusetts - 08/2011 - 06/2016
- Focus on Physical Chemistry and Neuropsychology
- Presented research at the American Chemical Society on nano-particle interactions
- Had research presented at a meeting of Principal Investigators sponsored by the U.S. Department of Energy