David B. Josephs

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LinkedIn · GitHub

WORK EXPERIENCE

Horizon Therapeutics, Data Engineer - Chicago, IL

Data Engineer II · July 2021 - Present
- Increasing scalability using a multi-cloud platform
- Continue MDM project development with stakeholders across analytics departments
- Managing and improving the scalability and capabilities of the data science platform
- Improving ETL pipelines with new features and data sources

Data Engineer · January 2020 - June 2021
- Decreased processing time by 5x of monthly deliveries of 10B rows of data
- Designed, built, and maintained multiple MDM projects improving organizational clarity of data sets
- Developed automated data pulls using Selinium

Contractor · August 2019 - December 2019
- Migrated on premises distributed computing environment to GCP to increase platform scalability

Software Developer and Data Engineer - Chicago, IL

Contractor · June 2018 - August 2019
- Created a personalized website for a small business
- Maintained multiple website servers programs and security
- Implemented special website features adhering to client specifications
- Developed data warehouses for several projects
- Designed and implemented web scraper in Python

Clarkson University - Potsdam, NY

Statistics Teaching Assistant · Sep. 2017 - May 2018
- Explained technical statistical concepts to students in clear comprehensible terms
- Developed course curriculum

Jack of Trade Apps - Potsdam, NY

Intern · May 2016 - Mar. 2017
- Constructed, deployed, and maintained five multiplatform mobile applications
- Developed audio streaming, interactive games, and user interfaces
- Utilized version control with agile development

RESEARCH & SIGNIFICANT PROJECTS

Physical Therapy Lab - Clarkson University · Nov. 2014 - Aug. 2018
- Completed Data entry, cleaning, analysis, and technical reports
- Ran statistical analysis to determine the effectiveness of newly designed natural caffeinated beverage
- Developed proprietary programs for the lab to use in their research

Clarkson University Adirondack Semester - Saranac Lake, NY · Spring 2016
- Studied environmental and social sustainability
- Collaborated with municipalities and NGOs to develop a plan to revitalize Adirondack Town Centers

EDUCATION & TECHNICAL SKILLS

Clarkson University - Potsdam, NY

MS, Applied Data Science · May 2017

BS, Computer Science · May 2018

Computer Science

Git, Python, Go, SQL, noSQL, C++, APIs, RESTful Interfaces, Django, Flask, Linux, HTML, CSS, and Machine Learning

Data Management

GCP (compute, storage, dataproc), AWS (S3, EC2, Lambda), MongoDB, Pyspark, Spark, SQL Server, Selinium, Tableau, Docker