David B. **Josephs**

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LinkedIn · GitHub

WORK EXPERIENCE

Horizon Therapeutics, Data Engineer - Chicago, IL

Data Engineer II   July 2020 - Present
- Continue MDM project development with stakeholders
- Managing and improving the data science platform
- Adding additional cloud providers and services
- Improving ETL pipelines with features and data sources

Data Engineer   January 2020 - June 2020
- Processed over 10B rows of data monthly
- Designed, built, and maintained multiple MDM projects
- Automated data pulls using Selinium

Contractor   August 2019 - December 2019
- Moved on premises cluster computing infrastructure to GCP

Software Developer and Data Engineer - Chicago, IL

Contractor   June 2018 - August 2019
- Created personalized a four page 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
- Studied environmental and social sustainability   Spring 2016
- Collaborated with municipalities and NGOs to develop a plan to revitalize Adirondack Town Centers

ACHIEVEMENTS & ACTIVITIES

Hackathons, 2019 (HackerEarth)   AIARE Avalanche 1 certification, 2018
Best team poster, 2017 (BAC Manhattan College)   Interests include, martial arts, hiking, skiing
Dean's list, 2014, 2015, and 2016 (Clarkson)

EDUCATION

Clarkson University - Potsdam, NY

MS, Applied Data Science
BS, Computer Science
Minor, Mathematics
Minor, Environmental Policy

TECHNICAL SKILLS

Computer Science

Python, Go, Pyspark, Spark, Django, MongoDB, C++, Matlab, SQL, noSQL, R, Linux (Arch and Ubuntu), HTML, CSS, and Machine Learning

Data Management

Excel, Git, GCP (compute, storage, dataproc), APIs, Tableau, RESTful Interfaces, AWS (S3, EC2, Lambda), Hadoop, Docker, SPSS