David B. Josephs

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LinkedIn · GitHub

WORK EXPERIENCE

Horizon Therapeutics, Data Engineer - Chicago, IL

Full Time   January 2020 - Present
- Design, build, and maintain MDM projects
- Processing and mantaining large datasets
- Automated data pulls using Selinium
- Continue to work on improving the Data Analytics Platform

Contractor   August 2019 - December 2019
- Migrated cluster computing infrastructure to cloud platform
- Built ETL pipelines utilizing Python and Pyspark

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, user interfaces, and databases
- Utilized version control with agile development
- Researched relevant graphics platforms and produced an application prototype using my recommendation, Babylon.js

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)
Best team poster, 2017 (BAC Manhattan College)
Dean's list, 2014, 2015, and 2016 (Clarkson)

AIARE Avalanche 1 certification, 2018
Interests include, martial arts, hiking, skiing

EDUCATION

Clarkson University - Potsdam, NY

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

TECHNICAL SKILLS

Data Management

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

Computer Science

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