David B. **Josephs**

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LinkedIn · GitHub

WORK EXPERIENCE

Software Developer and Data Engineer - Chicago, IL

Contracter   June 2018 - Present
- Created 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
- Built ETL pipelines utilizing python and SQL
- 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 recomondation, 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

Advanced Programming Concepts in Java - Clarkson University   Fall 2015
- Created Android game in a collaborative team using GitHub and Java
- Designed the graphics interface for a strategic board game, Hnefatafl

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, Data Analytics
BS, Computer Science
Minor, Mathematics
Minor, Environmental Policy

TECHNICAL SKILLS

Data Managment

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

Computer Science

Python, Django, C++, Matlab, SQL, noSQL, R, Linux (Arch and Ubuntu), HTML, CSS, AngularJS, JavaScript, Babylon.js, Java, Hive, Pig, Machine Learning