David B. **Josephs**

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LinkedIn · GitHub

WORK EXPERIENCE

Software Developer and Data Engineer - Chicago, IL

Contracter June 2018 - Present

- Created personalised website for a small business
- Maintained multiple website servers programs and security
- Worked with client on specifications for special website features
- Developed data warehouses for several projects
- Built ETL pipelines utilizing python and SQL
- Used python for data cleaning and web scraping

Clarkson University - Potsdam, NY

Statistics Teaching Assistant Sep. 2017 - May 2018

- Explained technically challenging concepts to students in clear comprehensible terms
- Evaluated homework, tests, and quizzes

Jack of Trade Apps - Potsdam, NY

Intern May 2016 - Mar. 2017

- Constructed, deployed, and maintained five multiplatform mobile applications
- Utilized version control with agile development
- Researched relevant graphics platforms to produce an application prototype

RESEARCH & SIGNIFICANT PROJECTS

Physical Therapy Lab - Clarkson University Nov. 2014 - Aug. 2018

- Completed Data entry, cleaning, analysis, and technical reports
- Ran statistical analysis for a double-blinded experiment comparing two tests beverages and a placebo
- Developed copyrighted programs for the lab to use in their research

Clarkson University Adirondack Semester - Saranac Lake, NY

- Participated in a group semester research project with six other students Spring 2016
- Collaborated with multiple towns and organizations to create a main streets plan for the Adirondack Park

Advanced Programming Concepts in Java - Clarkson University Fall 2015

- Worked in a team of four to create an Android game with GitHub as the primary code repository
- Created the graphics interface for Hnefatafl a strategic board game similar to Chess

ACHIEVEMENTS & ACTIVITIES

Business Analytics Competition - Manhattan College	May 2017
Dean's List - Clarkson University	Spring 2014, 2016, Fall 2015, 2016
Second Degree Black Belt in Taekwondo - Massena, NY	Oct. 2013
Outing Club - Clarkson University	Fall 2014 - Spring 2018

EDUCATION

Clarkson University - Potsdam, NY

MS, Data Analytics

Clarkson University - Potsdam, NY

BS, Computer Science
Minor, Mathematics
Minor, Environmental Policy

RELEVANT SKILLS

Proficient in

Python, SQL, Excel, CSS, HTML, AngularJS, JavaScript, Linux (Arch and Ubuntu)

Experienced with

Django, noSQL, C++, Java, Tableau, Matlab, Git, SPSS, APIs and RESTful Interfaces

Familiar with

AWS (S3, EC2, Lambda), R, Hadoop, Docker, noSQL, Hive, Pig, Machine Learning