

# David B. Josephs

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## EDUCATION:

- Clarkson University, Potsdam, NY* Aug. 2017 - May 2018
- Masters of Science in Data Analytics
  - Developing skills to interpret large amounts of data in numerous formats
- Clarkson University, Potsdam, NY* Aug. 2013 - May 2017
- Bachelor of Computer Science
  - Minors in Mathematics and Environmental Policy
- The Clarkson School at Clarkson University, Potsdam, NY* Aug. 2013 - May 2014
- Early college program for academically advanced high school students

## RESEARCH & PROJECTS:

- Physical Therapy Lab, Clarkson University* Nov. 2014 - Present
- Data entry, cleaning, and analysis for funded research projects
  - Develop copyrighted programs for the lab to use in their research
- Clarkson University Adirondack Semester, Saranac Lake, NY* Spring 2016
- Group semester research project with six other people
  - Developed communication and interpersonal skills for group work
- Advanced Programming Concepts in Java, Clarkson University* Fall 2015
- Worked in a group of four to create an Android Application
  - Created the graphics for a board game called Hnefatafl

## WORK EXPERIENCE:

- Statistics Teaching Assistant, Clarkson University, Potsdam, NY* Sep. 2017 - Present
- Explain challenging concepts in ways comprehensible by students
  - Evaluated homework, tests, and quizzes
- Substitute Martial Art Instructor, SUNY Potsdam, Potsdam, NY* Feb. 2013 - Present
- Lead and teach classes when main instructor is unavailable for groups ranging from ages 7 - 14
  - Evaluate performance and provide constructive feedback to increase proficiency
- Self Defense Instructor, SUNY Potsdam, Potsdam, NY* Aug. 2017 - Dec. 2017
- Jack of Trade Apps, Potsdam, NY* May 2016 - Mar. 2017
- Created multiplatform mobile applications in HTML and Javascript
  - Became familiar with using version control with multiple large projects

## ADDITIONAL SKILLS:

- Computer Languages, Python, C++, Java, CSS, HTML, Javascript, AngularJS*
- Experienced at creating programs utilizing the concepts of object oriented programming
- Data Analysis, AWS, R, Tableau, SPSS, Excel, SQL, Hadoop, Matlab, Git, Docker*
- Proficient with multiple tools for data analysis and presentation

## LEADERSHIP:

- Young Scholars Program, Clarkson University, Potsdam, NY* 2013 & 2014
- Supervised a group of 37 high school students during the week long program
  - Completed a collaborative research effort that determined how a community could prepare for an emergency
- Clarkson Project Challenge, Emerging Leaders 101, Clarkson University, Potsdam, NY* 2012
- Assessed individual traits/qualities to determine leadership strengths and weaknesses
  - Applied attributes in creating mission statements, along with short and long-term goals

## ACHIEVEMENTS & ACTIVITIES:

- Best team poster 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* 2013
- Outing Club, Clarkson University* 2014 - Present
- Volunteer, 46 Climbs for Suicide Prevention, Clarkson University* 2015, 2017
- Volunteer, Forest Spirit Martial Arts, Potsdam, NY* 2008 - Present