

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. 2014 - May 2017
- Bachelor of Computer Science
 - Minors in Mathematics and Environmental Policy
- The Clarkson School at Clarkson University*, Potsdam, NY Aug. 2014 - 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 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:

- Self Defense Instructor*, SUNY Potsdam, Potsdam, NY Present
- Teach an introductory level self defense class to a 18 people
 - Instruct how to have a verbal and physical presence
- 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
- Jack of Trade Apps*, Potsdam, NY May 2016 - March 2017
- Created multiplatform mobile applications in HTML and Javascript
 - Became familiar with using version control with multiple large projects

COMPUTER LANGUAGES:

- Java, C++, CSS, HTML, Javascript, AngularJS, Python
- Capable of creating programs utilizing the concepts of OOP
- Go, Matlab
- Familiar with the syntax, Capable of using the efficiently. No large project usage
- Git, Mercurial
- Have used version control for work and group projects

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:

- 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