


# Connor S. Reed

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<b>EDUCATION</b> (listed chronologically)	<i>McGill University</i>	Graduated June 2016
	Montreal, Quebec, Canada	
	Physical Geography Major with Mathematics/Statistics Minor	
	<i>Scotts Valley High School</i>	Graduated June 2010
	Scotts Valley, CA	
	<i>University of California, Santa Cruz</i>	2009 - 2010
	Santa Cruz, CA	
	High School Scholars Program	
	<i>Cabrillo College</i>	2007 - 2010
	Aptos, CA	
	Concurrent enrollment during high school	
<b>SAMPLE COURSEWORK</b>	<ul style="list-style-type: none"><li>• Principles of Statistics 1 &amp; 2, Statistics, Probability, Statistics of Gambling and Gaming, Linear Algebra 1 &amp; 2, Calculus 1, 2, &amp; 3, Topics in Geometry, Discrete Structures, Mathematical Finance, Foundations of Programming, Introduction to Computer Science, Introductory GIS, Raster GIS, Socioeconomic Applications of GIS</li></ul>	
<b>TECHNICAL SKILLS</b>	<ul style="list-style-type: none"><li>• MS Office (advanced ability in MS Excel), ArcGIS, Plot.ly, Adobe Photoshop</li><li>• <b>Statistical Programming Environments:</b> Python, basic abilities in R and Mathematica</li><li>• <b>Markup Languages:</b> <math>\text{\LaTeX}</math>, BBCode, familiarity with HTML and xml structures</li><li>• <b>Version Control Systems:</b> Dropbox, git/Github</li><li>• <b>Other Programming Languages:</b> SQL, Unix shell (bash)</li></ul>	
<b>WORK EXPERIENCE</b>	<i>Statistical and Data Consultant</i>	June 2015 - Present
	Mdalury LLC	
	<ul style="list-style-type: none"><li>- Consultant to professional Daily Fantasy Sports player Saahil Sud (formerly maxdalury) working with proprietary data and models, primarily for Daily Fantasy Baseball.</li></ul>	
	<ul style="list-style-type: none"><li>- Wrote new or modified previously existing web-scraping scripts, automated database manipulating scrips, and Bayesian updating scripts using Python to interact with a MySQL database.</li></ul>	
	<i>Co-creator - xGoals shot quality project</i>	November 2014 - Present
	FourthLineHeroes	
	<ul style="list-style-type: none"><li>- Developed distance-based shot quality metrics for NHL hockey to approximate the caliber of possession by measuring shot quality at both a team and player level.</li><li>- Developed metrics to measure goalie performance based on the quality of shots faced.</li><li>- Abstract accepted to 2016 Sloan Sports Conference; full manuscript available upon request.</li><li>- A full display of metrics and further explanation is available at <a href="http://fourthlineheroes.com/">http://fourthlineheroes.com/</a></li></ul>	
	<i>Basketball Analytics Intern</i>	May 2014 - August 2014
	Golden State Warriors, Oakland, CA	
	<ul style="list-style-type: none"><li>- Structured, developed, and populated draft dataset for the 2014 NBADL draft.</li></ul>	
	<i>Front Office and Game Day Assistant</i>	Winter 2014, 2015
	Santa Cruz Warriors, Santa Cruz, CA	
	<ul style="list-style-type: none"><li>- Assisted with the stats team and occasionally served as official scorer at scorers table.</li><li>- Assisted with daily work in the front office during the 2015 NBA D-League Showcase.</li></ul>	

*Data Manager* Summer 2013  
 LK Educational Consulting, Santa Cruz, CA  
 - Researched and updated Excel spreadsheets, organized reference materials.

*Science Technician/Intern* June 2012 - August 2012  
 Kinnetic Laboratories, Inc., Santa Cruz, CA  
 - Analyzed water runoff data to identify storm events.  
 - Charted chemical content in runoff water during storm events to measure water quality.

*Rock Climbing Assistant* Summers 2010-11  
 Pacific Edge Climbing Gym, Santa Cruz, CA  
 - Set up safety gear, belayed children, and gave basic instruction.

*Catering Assistant* June 2011 - August 2011  
 Feast For a King Catering, Santa Cruz, CA  
 - Assisted with set-up, serving, and support for catered events.

*Rock Climbing Assistant* August 2009, 2010  
 Gateway Mountain Center, Lake Tahoe, CA (volunteer)  
 - Demonstrated climbing techniques/routes, belayed climbers, assisted with set-up and logistics for Donner Summit Rock Climbing Camp.

*Center Referee and Assistant Referee* 2005 - 2010  
 Scotts Valley/San Lorenzo, Santa Cruz, and Excel Soccer Clubs, Santa Cruz, CA  
 - Certified U.S. Soccer Grade 8 Referee.

## REFERENCES

- Matt de Nesnera (Supervisor, Santa Cruz Warriors)  
 (703) 554-5499 – [MDeNesnera@warriors.com](mailto:MDeNesnera@warriors.com)
- Sammy Gelfand (Basketball Analytics Coordinator, Golden State Warriors)  
 (312) 731-5959 – [SGelfand@warriors.com](mailto:SGelfand@warriors.com)
- Marty Stevenson (Supervisor, Kinnetic Laboratories)  
 (831) 901-7019 – [MStevens@kinneticlabs.com](mailto:MStevens@kinneticlabs.com)
- Fred Keeley (Personal reference)  
 (831) 227-7906 – [fjkeeley@yahoo.com](mailto:fjkeeley@yahoo.com)