


Connor S. Reed

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

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
- Sammy Gelfand (Basketball Analytics Coordinator, Golden State Warriors)
 (312) 731-5959 – SGelfand@warriors.com
- Marty Stevenson (Supervisor, Kinnetic Laboratories)
 (831) 901-7019 – MStevens@kinneticlabs.com
- Fred Keeley (Personal reference)
 (831) 227-7906 – fjkeeley@yahoo.com