

Connor S. Reed

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EDUCATION	<i>McGill University</i>	2010 - 2015
	Montreal, Quebec, Canada Physical Geography Major with Mathematics/Statistics Minor	
	<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 ability in R and Mathematica• Other Programming Languages: SQL (primarily MySQL), L^AT_EX, Bash, Git• Specific Abilities: Web Scraping, Data Mining, Data Cleaning, Predictive Modeling, Data Visualization, Regression Analysis, Sports Analytics (MLB, NHL, NBA)	
RELEVANT WORK EXPERIENCE	<i>Sports Analytics Analyst (for MLB and NHL)</i>	July 2015 - Present
	Mdalury LLC	
	<ul style="list-style-type: none">- We use statistics, data programming, SQL database architecture, and domain specific knowledge to develop a set of proprietary data, models, and tools primarily focused on Daily Fantasy Sports.	
	<i>Co-creator - xGoals shot quality project</i>	November 2014 - December 2016
	FourthLineHeroes	
	<ul style="list-style-type: none">- Developed shot quality metrics for NHL hockey to approximate the caliber of possession.- Developed metrics to measure goalie performance based on the quality of shots faced.- Abstract accepted to 2016 Sloan Sports Conference; full manuscript available upon request.- 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.- Assisted with daily work in the front office during the 2015 NBA D-League Showcase.	
OTHER WORK EXPERIENCE	<i>Data Manager</i>	Summer 2013
	LK Educational Consulting, Santa Cruz, CA	
	<ul style="list-style-type: none">- Researched and updated Excel spreadsheets, organized reference materials.	
	<i>Science Technician/Intern</i>	Summer 2012
	Kinnetic Laboratories, Inc., Santa Cruz, CA	
	<ul style="list-style-type: none">- Analyzed water runoff data to identify storm events.- Charted chemical content in runoff water during storm events to measure water quality.	

<i>Rock Climbing Assistant</i>	Summers 2010-11
Pacific Edge Climbing Gym, Santa Cruz, CA	
- Set up safety gear, belayed children, and gave basic instruction.	
<i>Catering Assistant</i>	Summer 2011
Feast For a King Catering, Santa Cruz, CA	
- Assisted with set-up, serving, and support for catered events.	
<i>Rock Climbing Assistant</i>	Summers 2009-10
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.	
<i>Center Referee and Assistant Referee</i>	2005 - 2010
Scotts Valley/San Lorenzo, Santa Cruz, and Excel Soccer Clubs, Santa Cruz, CA	
- Certified U.S. Soccer Grade 8 Referee.	

OUTSIDE INTERESTS

- Rock Climbing – I have been rock climbing since 2008 and enjoy climbing in a variety of areas both domestically and internationally.
- Simulation Baseball – Since 2008 I have played in Diamond Mind Baseball (DMB) simulation baseball leagues and enjoy using these leagues for honing my technical skills and practicing decision theory.
- Recreational Team Sports – Team sports have always been a big part of my life. I primarily played competitive baseball and soccer in my earlier years, but shifted to more recreational intra-mural sports in college, and have continued to play these sports recreationally after graduating.
- Cats – I love most animals, but I feel most strongly about cats. My cats are always fun to be around and do a great job cheering me up if I am in a bad mood.

REFERENCES

Available upon request (I want to respect my references' privacy and not release their information on my public resume)