Connor S. Reed

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EDUCATION (listed chronologically)	*McGill University* Montreal, Quebec, Canada Physical Geography Major with Mathematics/Statistics Minor	Graduated June 2016
	Scotts Valley High School Scotts Valley, CA	Graduated June 2010
	University of California, Santa Cruz Santa Cruz, CA High School Scholars Program	2009 - 2010
	Cabrillo College Aptos, CA Concurrent enrollment during high school	2007 - 2010

SAMPLE COURSEWORK

- 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

- MS Office (advanced ability in MS Excel), ArcGIS, Plot.ly, Adobe Photoshop
- **Statistical Programming Environments:** Proficiency in Python and R, basic familiarity in Mathematica
- **Markup Languages:** Strong background in LaTeX, proficiency in BBCode, basic familiarity in HTML and xml structures
- **Version Control Systems:** Dropbox, git/Github
- **Other Programming Languages:** Proficient with SQL syntax (MySQL) and Unix shell

WORK EXPERIENCE

Statistics and Data Consultant — June 2015 - Present
Mdalury LLC

- Served as a remote consultant to Boston-based Daily Fantasy Sports player Saahil Sud (i.e "maxdalury") with proprietary statistical models and web scraping scripts for Daily Fantasy Baseball.

Co-creator - xGoals shot quality project — November 2014 - Present
FourthLineHeroes

- 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
- 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/

Basketball Analytics Intern — May 2014 - August 2014
Golden State Warriors, Oakland, CA

- Structured, developed, and populated draft dataset for the 2014 NBADL draft

Front Office and Game Day Assistant — Winter 2014, 2015
Santa Cruz Warriors, Santa Cruz, CA

- Assisted with the stats team and served as official scorer at scorers table
- Assisted with daily work in the front office

Data Manager   Summers 2010-13
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

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

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

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