

Robert T. Cordwell

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Summary

Extensive math knowledge & experience
Graduate-level computer science background
Analytics experience with R, Python, SQL and Excel
Developed in Python, C++, and Ruby on Rails

Experience

- 3/14 – now **Data Analyst, GSN Games:** San Francisco, CA. Became the (unofficial) math design lead due to a series of successful changes to existing game math. Other notable projects include discovering a first-time user experience that increases payer conversion by 20% and re-designing the purchase flow for Tripeaks Solitaire leading to an extra 10k/day in revenue.
- 7/13 – 9/13 **Quantitative Analyst, Eclipse Trading Technologies:** Chicago, IL. Used R and NumPy to optimize the predictive elements of an HFT strategy. Increased P/L by 3-6k/day by finding underdeveloped aspects of the strategy and testing a handful of the most viable-looking alternatives.
- 8/12-1/13 **The Math Guy, Tutonic:** New York City, NY. Employee #4 of a web-based tutoring startup. I built out the search and analytics backend, fought frontend fires, and cold-called tutors.
- 8/11–2/12 **Instructor, Art of Problem Solving:** San Diego, CA. Taught math to gifted students online, other responsibilities included database management, course design, and problem writing.
- 6/07 – 9/07 **Intern, Jane Street,** New York City, NY
- 6/06 – 9/06 **Intern, DE Shaw Group,** New York City, NY

Education

- 2010 – 2011 Texas Christian University
Spent a year in the Math PhD program
- 2008 – 2010 University of New Mexico
Graduated with BS in Mathematics & Physics, minor in Computer Science
- 2005 – 2008 California Institute of Technology

Recognitions & Awards

- 2008 & 2009 Honorable Mention, Putnam Contest
- 2005 International Math Olympiad (US Team) Gold medal