

GENERIC NAME

New York, NY

Education

Hudson University GPA 3.955 Master of Arts in Statistics	2007–2009
Smallville College Cumulative GPA 3.838 Summa Cum Laude, Honors in Mathematics Bachelor of Science in Mathematics, Journalism Minor The Wayne Award for Excellence in Mathematics Member of Pi Mu Epsilon, a national honorary mathematics society	2000–2004

Highlights

Author of <i>Pulitzer Prize</i> winning article	Professor of Journalism at Hudson University
Organizer of Glasses and Cowl Meetup	Thesis on Facial Recognition Errors
Analyzed global survey by the Surveyors Inc	Served as reporter in Vientiane, Laos

Relevant Experience

Pied Piper <i>CTO</i> <ul style="list-style-type: none">Set up company's computing platformConstructed statistical models for predictive analytics of big data	2013–Present New York, NY
Goliath National Bank <i>Quant</i> <ul style="list-style-type: none">Built quantitative models for derivatives tradesWrote algorithms using the R statistical programming language	2011–2013 New York, NY
Goliath National Bank <i>Intern</i> <ul style="list-style-type: none">Got coffee for senior staffKilled time by pretending I was using Excel after finishing all work in RHung out on Stone Street drinking beer and eating pizza	2010 New York, NY
Surveyors Inc <i>Data Scientist</i> <ul style="list-style-type: none">Analyzed survey data dissimilar to the CensusPorted Stata code to R code	2008–2010 Chicago, IL
Daily Planet <i>Reporter</i> <ul style="list-style-type: none">Partnered with a Pulitzer Prize winning writer and a cub reporterAnswered directly to the Editor-in-ChiefUsed this position to identify world events that needed mending	2006–2008 New York, NY
Hudson University <i>Professor</i> <ul style="list-style-type: none">Taught class on using data in journalismDebunked myths about facial recognition in press photosBuilt syllabus to encourage collaboration	2011–Present New York, NY
Hooli <i>Programmer</i> <ul style="list-style-type: none">Worked on compression software projectsAttained near-impossible Weissman Score for 3D compressionExperience paved the path for Pied Piper years later	2004–2006 San Francisco, CA

Athletics

Ice Hockey Goaltender — **Hudson University** — 2000–2004
Curling Vice Skip — **Hudson University** — 2000–2004

Research Experience

Hudson University

Humanitarian Research

2008–Present

To reduce the time, cost and effort necessary to properly analyze a region affected by a natural or manmade disaster Dr. Richard Oddie and I worked on methods to show that smaller sample sizes can adequately provide the same information as larger sample sizes. For our study we used data from the 2010 Pakistan floods that devastated large swathes of the country. We compared varying samples sizes ranging from 5 tehsils (villages) in each province to full enumeration. While the research is still ongoing we have so far demonstrated that as few as 10 tehsils per province is sufficient. This should help improve future responses to disasters.

I was engaged in statistical and analytic support to Dr. Oddie of Hudson's School of Nursing and Dr. John Nilla from Hudson's World Institute in their study of the socioeconomic, health and geographic factors affecting deaths in New Orleans following Hurricane Katrina. We are reconciling a self-reporting death list with an official State list that is thought to under represent Katrina related deaths. The goal is to determine what disparities, if any, resulted in a greater proportion of deaths among certain populations as opposed to others. The analysis will result in journal article preparation in which I will be one of the authors.

Daily Planet

Does the World Need Superman?

2008

Over the course of two years wrote an in-depth expose examining the need for Superman. While I did not draw any conclusions it led many people to question their beholdence to a supernatural being from another planet. Ultimately, however, most people agreed that Superman was indeed essential to the planet, even as just a beacon of hope.