

## Ronald J. Yurko, Jr.

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CONTACT INFORMATION	1829 Melrose Ave Irwin, PA 15642	724-331-4520 ryurko21@gmail.com
RESEARCH INTERESTS	Computational statistics, ensemble methods, dimension reduction, clustering	
EDUCATION	<b>Carnegie Mellon University</b> , Pittsburgh, PA	
	B.S., Statistics, Dec 2015 (University Honors)	GPA: 3.97/4.00
RESEARCH EXPERIENCE	<b>Department of Statistics, Carnegie Mellon University</b> Pittsburgh, PA	
	<b>Undergraduate Research Assistant</b>	Aug 2015 to Dec 2015
	<ul style="list-style-type: none"><li>• PREDS: Prediction with Ensembles using Distribution Summaries</li><li>• Supervisors: Samuel L. Ventura, Ph.D and Rebecca Nugent, Ph.D</li></ul>	
	<b>Undergraduate Research Course</b>	Jan 2015 to May 2015
	<ul style="list-style-type: none"><li>• Classifying Kepler Objects of Interest</li><li>• Supervisors: Rebecca Nugent, Ph.D and Peter E. Freeman, Ph.D</li></ul>	
	<b>Independent Research</b>	Aug 2014 to Dec 2014
	<ul style="list-style-type: none"><li>• The Science of Fooling Batters: An Objective Analysis of Pitch Sequencing</li><li>• Supervisor: Andrew C. Thomas, Ph.D</li></ul>	
PAPERS IN PROGRESS	VENTURA, S.L., NUGENT, R., AND YURKO, R., (2016), "PREDS: Prediction with Ensembles using Distribution Summaries." <i>Under Review</i> .	
POSTER PRESENTATIONS	<b>Dietrich Undergraduate Colloquium</b> (Pittsburgh, PA)	Nov 6, 2015
	<i>Improving Predictions of Ensemble Methods Using Distributions of Estimated Probabilities</i>	
	<b>Meeting of the Minds</b> (Pittsburgh, PA)	May 6, 2015
	<i>Classifying Kepler Objects of Interest</i>	
WORK EXPERIENCE	<b>Analytics &amp; Portfolio Management, PNC Financial Services</b> Pittsburgh, PA	
	<b>Quantitative Analytics Associate</b>	Jan 2016 to Present
	<ul style="list-style-type: none"><li>• Model Development Predicting Probability of Default and Loss Given Default</li><li>• Preliminary methodology research, data extraction and manipulation, documentation preparation, and statistical modeling in R and SAS</li></ul>	
	<b>Risk Management Intern</b>	Jun 2015 to Dec 2015
	<ul style="list-style-type: none"><li>• Model Development Predicting Probability of Default and Loss Given Default</li><li>• Preliminary methodology research, data extraction and manipulation, documentation preparation, and statistical modeling in R and SAS</li></ul>	
	<b>Baseball Operations, Pittsburgh Pirates</b>	Pittsburgh, PA
	<b>Data and Analytics Intern</b>	Mar 2014 to Oct 2014
	<ul style="list-style-type: none"><li>• Pitcher "Injury Zone" Analysis and Data Management</li><li>• Ensure loading of data, distribute organizational reports, developed neural network and hazard model for assessing elbow injury risk</li></ul>	

TEACHING EXPERIENCE	<b>Carnegie Mellon University</b> , Pittsburgh, PA	
	<b>Instructor</b>	Spring 2015 & Fall 2015
	<ul style="list-style-type: none"> <li>• Course: Introduction to Sabermetrics &amp; Exploring Baseball Data</li> <li>• Lectured and created course materials</li> </ul>	
	<b>Grader</b>	Spring 2015 & Fall 2015
HONORS AND AWARDS	<ul style="list-style-type: none"> <li>• Courses: Introduction to Statistical Inference, Introduction to Probability Theory</li> </ul>	
	<b>Teaching Assistant</b>	Fall 2013 to Fall 2014
	<ul style="list-style-type: none"> <li>• Course: Statistical Reasoning and Practice</li> <li>• Assist students in Minitab lab sessions, grade homeworks and exams</li> </ul>	
	<b>Honors</b>	
	Andrew Carnegie Society Scholar	2015
	<i>Carnegie Mellon University</i>	
	Phi Kappa Phi Honor Society	2015
	<i>Carnegie Mellon University</i>	
	Honors courses: Mathematical Statistics Honors, Undergraduate Research Course	
	<i>Department of Statistics, Carnegie Mellon University</i>	
	<b>Awards and Academic Competitions</b>	
	First Prize, Statistics Poster Competition	2015
	<i>Meeting of the Minds, Carnegie Mellon University</i>	
UNIVERSITY ORGANIZATIONS	<b>Tartan Sports Analytics Club</b>	
	<b>Co-Founder, Vice President, Editor, and Writer</b>	2013 to 2016
	Student-run sports statistics club	
	Selected articles:	
MEMBERSHIPS	<ul style="list-style-type: none"> <li>• The Principal Components of Pitching: 2015 Introduction</li> <li>• Josh Harrison: Fooled by Randomness?</li> </ul>	
	<i>American Statistical Association</i>	
	<i>Society for American Baseball Research</i>	
COMPUTING SKILLS	<i>Programming Languages:</i> R, SAS, Python, SQL, L <sup>A</sup> T <sub>E</sub> X	
	<i>Operating Systems:</i> MacOS, Windows	
ACTIVITIES	<b>Carnegie Mellon University Club Baseball Team</b>	2013
	<b>Carnegie Mellon University Intramural Sports:</b>	
	Basketball Softball	
REFERENCES	Available upon request	