

James W. Ball

204 Woodward Avenue #6
Lock Haven, PA 17745
jmswbll@gmail.com
(814) 321-8777

Education

The Pennsylvania State University, University Park, PA

August 2015

Bachelor of Science in Mathematics, Systems Analysis Option

Major GPA: 3.51/4.00 Cumulative GPA: 3.49/4.00

Relevant Coursework:

Probability	Statistics
Real and Vector Analysis	Differential Equations
Linear Algebra	Linear Programming
Abstract Algebra	Combinatorics
Public Speaking	Technical Writing

Experience

Rutgers, The State University of New Jersey, Piscataway, NJ

June 2011—August 2011

Summer Research Experience for Undergraduates

Intern

- Wrote Java-based simulations of poker-like games, including a newly developed card game
- Optimized computer players to find successful strategies for each game
- Summarized and presented findings to a group of peer and professional researchers

Slader, Inc., New York, NY

January 2011—March 2011

Contributor

- Wrote detailed solutions of over 100 algebra problems for high school students
- Typeset solutions and explanations in \LaTeX
- Used mobile technology to successfully meet deadlines while working remotely

The Pennsylvania State University, University Park, PA

May 2010—May 2011

Cellular Cardiovascular Function Laboratory, Department of Kinesiology

Wage Payroll

- Reconciled expense accounts with department credit card statements
- Followed up on laboratory equipment purchases
- Summarized equipment usage for department records

Diagnostics Plus Research, Inc., State College, PA

August 2009—December 2009

Interviewer

- Administered market research surveys to professionals in a variety of fields
- Quickly learned industry jargon for each new survey
- Encoded responses in a proprietary database program

Honors & Activities

Penn State Blue Band, August 2008—October 2009
Eagle Scout, May 2008

President's Freshman Award, December 2008
National Merit Scholar, January 2007

Skills

Proficient in the following programming, statistical programming, and markup languages:

Java	XHTML	R
Python	\LaTeX	SAS