CURRICULUM VITAE

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Mission

My primary focus is the intersection of education, technology, data analysis, and computing. Specifically, I desire to simultaneously improve access to high quality education *and* personalization of the learning experience by leveraging state-of-the-art technology, adaptive learning software, and robust analytics.

Education

CANDIDATE, ScM BIOSTATISTICS, EXPECTED 2015
JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH, BALTIMORE, MD

BS MATHEMATICS (STATISTICS) AND FINANCE, HONORS CITATION, 2008
UNIVERSITY OF MARYLAND, COLLEGE PARK, MD

Professional Experience

DEPARTMENT OF BIOSTATISTICS
JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

2013 - Present	Researcher working with Brian Caffo, PhD, Jeff Leek, PhD, and Roger Peng, PhD

CENTER FOR SURGICAL TRIALS AND OUTCOMES RESEARCH (CSTOR), DEPARTMENT OF SURGERY
JOHNS HOPKINS SCHOOL OF MEDICINE

2012 - 2013	Research volunteer working with Eric Schneider, PhD and Shalini Selvarajah, MD, MPH

NORTHWESTERN MUTUAL

2010 - 2013	Financial Planning Associate
2008 - 2010	Financial Advisor
2007 - 2008	Financial Advisor Intern

Software Development

SWIRL (STATISTICS WITH INTERACTIVE R LEARNING)

- Website: `http://swirlstats.com`

- An educational software package for the R programming language

- Designed to teach statistics and R simultaneously, interactively, and at scale

- Allows instructors to create their own interactive content

Computing Proficiency

STATISTICAL SOFTWARE: R, Stata

WEB: HTML, CSS

VERSION CONTROL: Git

DOCUMENT PREPARATION: LaTeX, Microsoft Office

OTHER: Command line

Last updated: November 12, 2013