

# CURRICULUM VITAE

## NICHOLAS A. CARCHEDI

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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://ncarchedi.github.io/swirl/>
- 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:  $\text{\LaTeX}$ , Microsoft Office

OTHER: Command line

Last updated: October 20, 2013