**Ryan Burkhardt**

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**OVERVIEW**

Passionate professional focused on being an entrepreneur. Creative critical thinker with a high aptitude for solving problems. Robust ability in making existing processes more efficient and discovering new alternatives in order to create solutions and achieve business goals. Realizes quantifiable results using the following skills:

* Leadership, Time Management, Effective Communication Skills

**EDUCATION**

**Master of Science in Analytics** April 2016

Institute for Advanced Analytics, North Carolina State University, Raleigh, NC

**Practicum Project**

* Provided analytical advisory service to Sealed Air – a Fortune 500 packaging company with $8 billion in revenue – on a project analyzing extensive data from packaging machine sensors to improve operating efficiencies and predict line failures.
* Utilized SAS for education in Text Mining, Machine Learning, Data Mining, Binary Response Analytics, SQL, Optimization, Risk Analysis

**Bachelor of Science in Economics, *cum laude*** July 2013

Brigham Young University – Idaho, Rexburg, Idaho

* Winner of 2013 Ezra Taft Benson Excellence in Economics Award
* Full Academic Scholarship for 2 years

**TECHNICAL SKILLS**

* Python, SQL, SAS, R,
* Linux, JavaScript, PHP, HTML, CSS, Excel
* SAS Certified Base Programmer for SAS 9

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**PROFESSIONAL EXPERIENCE**

**TIAA** Charlotte, NC

**Senior Data Analyst** August 2017 - Present

* Developed statistical packages in Python for analytic use within TIAA.
* Modeled participant interaction data utilizing linear regression, logistic regression, zero-inflated Poisson regression and decision trees to predict the intent of their next contact.
* Forecasted, in Python, digital metrics around website interactions with participants.

**SAS Institute** Cary, NC

**Technical Architect** June 2016 – August 2017

* Coded in Python to integrate Panopta, a website monitoring tool, with Zabbix, a server monitoring solution, and with Atlassian’s Jira for incident monitoring
* Implemented and maintained Panopta, to bring our clients continual service, for SAS Solutions OnDemand

**InsideSales.com** Provo, UT

**Business Data Analyst I** February 2015 – May 2015

* Analyzed lead data, enriched the data from existing databases using SQL, and imported it for Sales and Business Development
* Coded webforms utilizing PHP, JavaScript, CSS, and HTML for internal help desk submissions

**VOLUNTEER EXPERIENCE**

**Missionary**: **The Church of Jesus Christ of Latter-Day Saints** October 2008 – October 2010

* Developed leadership, teaching, and organizational skills
* Led 6–18 missionaries, analyzed weekly progress reports, and coordinated efforts to reach collective goals