

# BRIAN P. STANTON

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## EXECUTIVE SUMMARY

Inquisitive, energetic software engineer skilled in leadership, with a strong foundation in math, and logic. Seeking to leverage solid skills in collaboration, communication, and development as a Python Developer. As a Software Programmer, I have experience with design, code and debug operations, reporting, data analysis and web applications as well as expert knowledge of and experience in Object-Oriented Programming (OOP) concepts and Programming Algorithms using Python. I am also proficient in SQL databases writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on SQLite.

## SKILLS

<b>Programming Languages</b>	<b>Python, JavaScript, R, SQL, HTML5, CSS3</b>
<b>Web Technologies/Development Frameworks</b>	<b>Flask, Numpy, Pandas, Sklearn, Nltk, API Service, jQuery, AJAX, JSON, ReactJS, Sass, Bootstrap</b>
<b>Database</b>	<b>MySQL, SQL Alchemy, SQLite, ERD</b>
<b>Tools/Methodologies</b>	<b>Git, Tableau, Anaconda, Jupyter Notebook, Atom, Bash, Agile Software Development, Scrum</b>
<b>Software</b>	<b>Microsoft Office (Word, Excel, PowerPoint)</b>

## EDUCATION

<b>UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN</b> <i>College of Media   Bachelor of Science in Advertising Business Minor</i>	<b>3.5/4.0 GPA</b> <i>May 2016</i>
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<b>UNIVERSIDAD DE NAVARRA   PAMPLONA, SPAIN</b> <i>Study Abroad   Facultad de Comunicación</i>	<i>Spring 2015</i>
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## SOFTWARE DEVELOPMENT PROJECTS

- **Movies** – developed a website to rate movies using Flask for business logic and login systems, designed database (MySQL), and designed front-end (HTML5, Bootstrap, JavaScript, Jinja2)
- **E-commerce site** – built a website that emulates a ‘mini’ online book-store with functioning shopping cart (Flask), designed and implemented database (MySQL) after designing the Entity Relationship Diagram (ERD)
- **Stock Price Prediction** – using Numpy, Pandas, Facebook Prophet library, and Quandl API, predicted short-term price of Microsoft and General Electric stocks
- **Food Inspection** – using Food Inspections data from City of Chicago, used NLP and NLTK to find most common violations (Regular Expression, n-grams, data cleaning using stop words) and visualize the data (matplotlib)

## PROFESSIONAL EXPERIENCE

### CODING TEMPLE- Chicago, IL

*Software Engineer*

*December 2017-Present*

- Designed and implemented web APIs and Views utilizing Flask, in order to build an interactive web-based solution
- Develop data models, data storage and data visualizations using BI tools
- Experienced using Flask framework to club website
- Experienced in Python to manipulate data for data loading and extraction and worked with python libraries like Numpy and Pandas for data analysis Sklearn
- Experienced in designing ERDs for different business models (Database)
- Have experience in Agile Methodologies and sprints experience in a Python based environment, along with data analytics

### PLAN B- Chicago, IL

*Account Coordinator*

*March 2017 - December 2017*

- Supported two clients, Mather LifeWays and Oakwood Worldwide, on all of their marketing needs and a third client, TruVue, on their digital marketing needs
- Co-managed development and creative teams in the design and implementation of two customer-facing websites – matherlifeways.com and matherlifewaysinstituteonaging.com
- Building data models and storage of data to solve problems.

- Co-managed the migration of TruVue's sales team's Customer Relationship Management (CRM) to Oracle
- Responsible for overall coordination of project work for Mather LifeWays and Oakwood Worldwide, including e-mail, digital, and social media marketing

## **NOBLE COMMUNICATIONS+**

**Chicago, IL**

*Assistant Account Executive*

*July 2016 - January 2017*

- Supported six clients over three account teams, including COUNTRY Financial, Pace Suburban Bus, University of Michigan Ross School of Business, Rutgers University, Stratasys, and D1 Networks
- Built strong client and vendor relations and became main point person for day-to-day vendor relations
- Built over 25 agency presentation decks for client presentations and new business
- Responsible for overall coordination of project work for 6 clients
- Worked with Account Supervisor to develop marketing strategies for COUNTRY Financial and Pace Suburban Bus
- Worked with Media team to create end of year, quarterly, and monthly reporting presentations for client
- Prepared and monitored monthly client billing and invoicing
- Assisted in development and execution of client communication, timeline and budget development/maintenance, and on-time delivery of materials
- Responsible for comprehensive production processes for print, radio, out-of-home, digital, and lead generation campaigns
- Assisted in the development and coordination of response to government-mandated Request For Proposal

## **BMO HARRIS BANK**

**Chicago, IL**

*Sales Effectiveness Design Intern*

*June 2014 - August 2015*

- Designed scoring mechanism using macros and VBA in Microsoft Excel and Access to better evaluate programs and aid in the decision making process
- Created Access Database for Retail Banking Development Program as a way to better communicate to new hires and their branch managers
- Wrote openings for weekly internal radio show informing bankers on new campaigns, sales contests, etc.
- Assisted in designing training materials for Regional Sales Managers and Presidents to train bankers
- Researched and created SWOT analysis for different products to identify talking points for skill builders

*Customer Sales Intern*

*June - August 2013*

- Took raw sales data from Joliet market and organized it into management tool that allowed management to better understand sales product variability. Tool was ultimately introduced to the Illinois region

## **MERKABA HOUSE**

**Champaign, IL**

*Account Director, Project Manager*

*January - March 2016*

- Developed an advertising and marketing campaign for a local nonprofit as a part of the senior capstone project
- Planned and executed a multimedia campaign that included radio, print, social media, and direct mail elements
- Established direct line of communication with client, ensured the team was on strategy and on scope, and led key client presentations

## **LEADERSHIP**

### **SIGMA PHI EPSILON (ΣΦΕ)**

**Champaign, IL**

*Executive Board - VP Communication*

*September - December 2014*

- In charge of all social media, including Twitter (500+ followers), and implemented Hootsuite and a social media plan increasing number of followers by 15%
- Networked with alumni and members of the alumni board to communicate the success of the fraternity through a variety of mediums
- Restructured outdated chapter website and Facebook page resulting in 200% increase in total reach
- Led workshop for 30+ students at local junior high school to make significant improvements to everyday life with help of four to six volunteers