# Ibrahim Rasheed

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## *EDUCATION*

**UNIVERSITY OF MICHIGAN**                                                    **Ann Arbor, MI**
**School of Information**                                                              **2018**
Bachelor of Science in Information
- Concentration: Data Analytics | Minor: Medical Anthropology
- GPA: 3.57/4.00
- University Honors: Dec. 2015, April 2016, Dec. 2016, April 2017 | Dean's List: April 2017

Technologies used: Python, JavaScript, SQL, Tableau, VBA, R, HTML, Hadoop, ServiceNow, EDI

## *RELEVANT EXPERIENCE*

**THE MICHIGAN DAILY**                                                        **Ann Arbor, MI**
**Senior Copy Editor, Social Media Editor**                          **October 2015 – Present**
- Supervise a team of 23 copy editors to evaluate news and opinion articles for grammar and factual correctness
- Display attention to detail by weekly editing articles in the APA writing style consistent of the Michigan Daily
- Manage the Daily's Instagram, Snapchat, and Google+ by creating posts ideal for SEO and interacting with users resulting in analytical findings of best practices

**CARDINAL HEALTH**                                                            **Columbus, OH**
**Information Technology Intern, Pharmaceutical Division**            **May 2017 – July 2017**
- Implemented electronic data interchange for 120+ pharmacies by translating business requests to technical vernacular
- Integrated VBA into 8 procedure documents to streamline team's EDI request process by as great as 60%
- Organized a 50-person tour of the FUSE facilities as part of the Tours Committee
- Lean Six Sigma Yellow Belt Certified

**PULSE: The Heart of Campus Wellness**                                       **Ann Arbor, MI**
**Vice President of Operations**                                    **September 2016 – July 2017**
- Managed a budget of $10,000 provided by the University of Michigan Health Service using Microsoft Excel
- Executed public health initiatives on campus by organizing trainings and coordinating with University officials
- Analyzed monthly survey reports and engagements with students to address campus issues

**AMERICAN DIABETES ASSOCIATION**                                             **Southfield, MI**
**Community Health Strategies Intern**                             **June 2016 – August 2016**
- Assisted in developing a diabetes continuing education class for 21 seniors at St. Mary Mercy Hospital-Livonia
- Managed Excel databases of the office's event logistics and contact information
- Created literature and other promotional materials using Publisher to be displayed in the office and health fairs

**INSTITUE FOR SOCIAL RESEARCH**                                              **Ann Arbor, MI**
**Health and Retirement Study Research Assistant**                  **October 2014 – June 2015**
- Managed 10+ literary databases of over a thousand entries for researchers using EndNote and PubMed
- Collaborated with the webmaster by providing user experience suggestions to create a new Drupal website
- Created PowerPoints and handouts for presentations at national conferences using Adobe Illustrator and Excel
- Awarded in a poster symposium in April 2015 for relevancy of research and communication skills

## *ADDITIONAL*
- Conversational Proficiency in Urdu and Hindi; Elementary Proficiency in Egyptian and Levantine Arabic
- Research Assistant in the big data LIFE-M project which links together census records for machine learning (10 months)
- Career Center and Dean of Students Advisory Board Member
- Participant in Intramural Soccer, dedicated fan of The Godfather, currently learning the piano
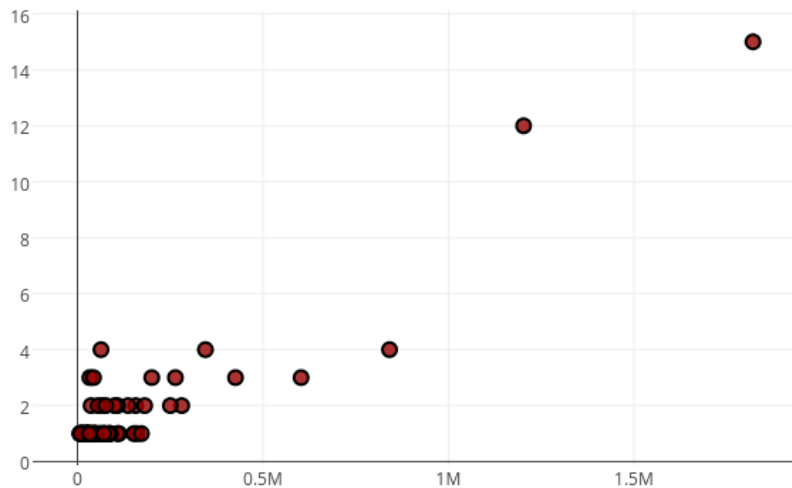
## Python and Data Projects:

**1. Relationship Between Michigan County Population and Number of Hospitals:** Results show that population is a stronger indication to the number of hospitals compared to county per capita income, as the wealthiest per capita county (Oakland) has the second most number of hospitals (12) but Detroit's county (Wayne) has 3 more hospitals to account for 618,222 more people.

The results are understandable, so it was a great way to be introduced to the types of healthcare data publicly available and being mindful of public health factors.

Tags: Public Medicare data, CSV files, BeautifulSoup webscraping, visualization using Plot.ly API
ReadMe document: Click here

Relationship of Michigan County Population and Number of Hospitals



**2. MadLib, Twitter, and Web Scraping:** Homework project with three parts:
1) Scrape a website, then find and replace certain phrases and pictures
2) Use Twitter API to tweet a photo and run a sentiment score on searches
3) MadLib game to find parts of speech in a passage and replace with user inputs of same parts of speech

Tags: NLTK, BeautifulSoup webscraping, Twitter API, sentiment analysis
ReadMe document: Click here
Github: Click here

**3. Basketball Game**: A simple game where user moves a hoop using Left/Right arrow keys to catch a basketball descending at random locations from the top of the screen. Basketball increases in speed throughout the game.

Tags: PyGame
Github: Click here

## Consulting Projects:

**1. Nostrum Energy Social Media:** Spent the semester with a team of 4 to create a social media plan for Nostrum Energy, a local company specializing in fuel injectors competing with Bosch and GM, as part of my Social Media and Organizations course. Received guidance from Ernst & Young consultants. Followed traditional consulting process beginning with statement of work to final report.

Strategies recommended: content calendar, increasing educational content, cross-promoting content between platforms, increasing executive presence on social media.

**2. Ann Arbor Natural Area Preservation:** Worked with a team of 7 to assist the client analyze their data as part of the Ann Arbor Data Dive day event. I learned about Excel Pivot Table features and used them to create 9 graphs on frog species patterns.

Tags: Excel Pivot Tables
Graphs: Click here