

## Education

### **Iowa State University**

*B.S. in Management Information Systems & Data Science*

Expected Graduation: **May 2023**

**GPA: 3.50/4.00 | Dean's List: 4**

- **Technical Skills:** Python, Java, JavaScript, SQL, HTML, CSS, Microsoft Office, JAMF, Active Directory, Tableau, Power BI, AWS, Big Query, Data warehouse, Data dictionary, Git/GitHub, MongoDB, Docker, Amazon Quick sight, ServiceNow
- **Frameworks/Libraries:** TensorFlow, PyTorch, Scikit-Learn, OpenGL, NumPy, Pandas, ggplot2, Django, Flask, Matplotlib, React, Seaborn, Keras, Plotly, beautiful soup

## Experiences

### **Business Intelligence Analyst Intern | Workiva.Inc**

May 2022 – December 2022

- Coded in SQL through PyCharm, DBViz, and Amazon Redshift to solve company issues and innovate new solutions
- Extract data from Salesforce and Amazon S3 to provide sensitive, public graphical, tabular, and textual reports
- Automated 5+ dashboards that bottleneck multiple employees with their current manual processes freeing up their time
- Developed WData Chains and queries with SQL to automate the process of presentation updates freeing up 10 + hours of weekly workload for the finance team

### **Student IT Tech | Iowa State University**

May 2021 – December 2021

- Worked 40 hours a week in one of the largest branched departments with 2000 systems, 400 clients, and 7 sub-departments to troubleshoot professors' issues with network connectivity, printers, and related technology
- Streamlined the process of responding to issues by implementing a ticketing system and grouping similar issues together to reduce resources and time to complete inbound requests
- Effectively communicated on phone calls, messages, chatroom, and assisted issues remotely using Bomgar

### **Entrepreneur eCommerce Store | behindmuscle.com**

March 2020 – August 2021

- Ecommerce company for customers well as Business to Business during pandemic with 300-unit sales in 3 months
- Administered and audit orders coupons, sales, inventory, and routinely conduct live traffic for security problems like bots, crawlers, and illegal log in increased page traffic by 20%
- Boosted sales by 40% by optimizing search engine (SEO) and updated Facebook analytics, visitor traffic real time statistics, content optimization and marketing analytics

### **Undergraduate Research Assistant - Python Automation | Iowa State University**

May 2021 - August 2021

- Automated the VLOOK UP function on excel using Pandas and NumPy libraries in Python
- Merged two unsorted excel files with 23,000 rows in each excel file
- Dedicated 20 hours a week to analyze the optimum way to tackle the task and research various python libraries

## Projects

### **Coursera Course Analysis Dashboard | MOOC Data Analysis – Python, SQL, Tableau, Big Query**

Fall 2022

- Analyzed MOOC data to compare the popularity of 2 platforms, Coursera and Udemy using Python, SQL, Tableau and GCP
- Created Big Query dataset and tables and data queried using Python/BQ API
- Implemented a comprehensive data analysis process including data retrieval from Kaggle and Google Trends, data manipulation using SQL and Pandas, and data visualization using Tableau

### **Rap Generator | Python, Django, HTML, CSS, JavaScript**

Summer 2022

- Developed an application to analyze and calculate various statistics for rap songs, including average grade level, number of swear words, adlibs, and drug references.
- Utilized the Genius API to fetch lyrics and stored analyzed data in a database, keeping track of songs with the highest count for each statistic.
- Implemented data management techniques to provide insightful and valuable information to users, promoting an efficient and effective approach to rap song analysis.

### **Web Scrapping | Python, SQL, beautiful soup**

Summer 2021

- Developed a web scraping program and tracked Amazon products using beautiful soup library
- Stored data in a database using SQL and made a report on the price changes
- Used smtplib library to send email alerts and notify the price change