

# DILLON FOUTS | B. B. A

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## EDUCATION

**THE UNIVERSITY OF IOWA**, Iowa City, IA

May 2024

B. B. A, Business Analytics and Information Systems

B. B. A, Business Management (Entrepreneurial)

Minor: Sports and Recreation Management

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## TECHNICAL SKILLS

- Tools: R, Python, SQL, Power BI, Tableau, Excel, Orange, Google Analytics, Salesforce
- Methodologies: Skilled in executing multiple linear regression, analyzing time series, developing forecasts, visualizing data, extracting web data, constructing models, and employing agile methodologies.

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## EXPERIENCE

### QUALIFIED PLAN CONSULTANTS

West Des Moines, IA

Data Analyst Intern

Mar 2023 – Aug 2023

- Developed PowerBI dashboards to guide senior management in making informed business choices.
- Processed and cleaned data from Excel, CSV, and SQL using R and Python for in-depth analysis.
- Analyzed data to detect significant trends and provided insights vital for company strategy.
- Managed a team of data interns remotely, using Trello to maintain project organization and workflow.

### FIN & FEATHER

Iowa City, IA

Inventory Systems Administrator

Jun. 2022 – Jun. 2023

- Inputted product details into the Point-of-Sale (POS) system, ensuring accurate tracking and management of inventory levels
- Generated purchase orders through the POS system to streamline the ordering process and maintain optimal stock levels of necessary items
- Created detailed receiving reports to document the receipt of goods, facilitating accurate updates to inventory records and ensuring data integrity

### SPLITONE TECHNOLOGIES

Tempe, AZ

Database Architect Intern

Feb 2022 – Jun. 2022

- Developed a Google Dashboard for a client to visualize click-through rate and call rate data
- Designed the dashboard to display clear and easy-to-understand graphical representations of the data
- Set up the dashboard to be interactive, allowing the client to filter and manipulate the data for deeper analysis of their metrics

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## PROJECTS

### HAPSO AUTO

Lodi, NJ

Hapso Automotive Capstone Project

January 2024 – Present

- Employed web scraping techniques in R to amass a comprehensive database of prevalent car brands, models, and manufacturing years registered across New York City, Philadelphia, and New Jersey.
- Refined a massive 12.2 million record dataset using Python and R, enhancing data quality by discarding irrelevant attributes and rectifying incomplete entries.
- Developed a specialized API in R to translate VIN numbers into corresponding car makes, models, and production years.
- Designed and presented a suite of insightful graphics and reports via Tableau, facilitating strategic decision-making for senior management.

### INPHLO

Bettendorf, IA

Business Consulting Project

Jan 2023 – May 2023

- Enhanced Inphlo's market position through expert industry analyses, driving online engagement and expanding customer base
- Deployed custom automation and data analytics solutions, optimizing operational efficiency for small to mid-sized businesses in the manufacturing sector
- Revitalized Inphlo's marketing strategy, emphasizing unique customization capabilities and leveraging social media to strengthen brand recognition