

# Aashna Dorwal

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## EDUCATION

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### University of Iowa

Anticipated May. 2025

Bachelor of Business Administration (BBA), Business Analytics & Information Systems

Minor in Computer Science

- Involvement: Multicultural Business Student Association (MBSA), Women in Computing Sciences (WiCS), Tippie Tech Analytics & Info Systems

## EXPERIENCE

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### Lifeguard

Dec. 2019 - Aug. 2021

Mercy One Health & Fitness Center

Clive, IA

- Monitored behaviors for safety violations and implemented preventative measures.
- Administered first aid using training and medical supplies.
- Identified and responded to emergency situations, demonstrating strong crisis management skills.

## PROJECTS

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### Predictive Data Analysis of Strokes in Patients

Jul. 2023

Python, SQL

- Conducted independent predictive analysis for hemorrhagic strokes using Pandas and SQL.
- Developed a model predicting stroke likelihood based on gender, age, and medical history.
- Applied advanced data wrangling techniques to analyze patterns and trends in a dataset of 5000+ patient records.
- Proficient in using Pandas for data manipulation and Tableau for effective data visualization.

### Meal Swipes

Mar. 2022

Python

- Utilized Python programming for in-depth data analysis, extracting valuable insights into the initial experiences of University of Iowa students during their first semester.
- Enhanced existing research on student adjustment and social connectedness by establishing a new correlation between meal swipe timing and the frequency of students dining with friends at the university's dining hall.

## VOLUNTEER

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Habitat for Humanity (Builder)

Aug. 2021 - May. 2023

Community Crisis Services (Food Bank)

Oct. 2021 - May. 2022

## TECHNICAL SKILLS

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Languages: Python, JavaScript, R, SQL

Software: Microsoft Excel, Access

Tools: Familiar with Pandas, Matplotlib, Jupyter, Tableau, Microsoft Power BI