

AASHNA DORWAL

(515) 493-9908 | adorwal@uiowa.edu | [LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

EDUCATION

University of Iowa

Anticipated Dec 2025

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

Minor in Computer Science

- Relevant Courses: Information Systems, Computational Thinking, Database Management, Computer Science, Business Analytics, Data Wrangling, Data Mining.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, R

Software: Microsoft Excel, Microsoft Access, Microsoft Power BI

Tools: VS Code, Git, Pandas, Matplotlib, Jupyter, Tableau

WORK EXPERIENCE

Business Development Intern

May 2024 - Aug 2024

Electrical Power Products (EP2)

Des Moines, Iowa

- Prepared reports for the production and process team using QT9 management software to optimize operational efficiency.
- Performed data entry and process documentation with VKS cloud software, effectively developing and finalizing 15+ work instructions for machines and policies.
- Contributed to the ISO certification process by documenting procedures and reports to ensure compliance with standards.

PROJECTS

Book Notes Website ([Link](#))

Jul 2024

- Developed and designed a book notes website using JavaScript, HTML, and CSS.
- Implemented search functionality and responsive design for mobile friendliness.
- Added interactive features like real-time search results with JavaScript to enhance user engagement.

Life Expectancy Regression Analysis ([Link](#))

May 2024

- Created a multi-linear regression model using World Health Organization data to identify key factors influencing life expectancy across different countries.
- Conducted data cleaning and multicollinearity analysis of 2,900+ records, enhancing model accuracy.

Predictive Data Analysis of Strokes in Patients ([Link](#))

Jul 2023

- Developed a model predicting stroke likelihood based on multiple factors using Python and Jupyter.
- Applied data wrangling techniques to analyze patterns and trends in a dataset of 5000+ patient records.

Meal Swipes Project

Mar 2022

- Utilized Python for in-depth data analysis and extracted data from the initial experiences of University of Iowa students during their first semester.
- Enhanced existing research and established a new correlation between meal swipe timing and the frequency of students dining with friends at the university's dining hall.

INVOLVEMENT

Volunteer: Habitat for Humanity (Builder), Community Crisis Services (Food Bank)

Clubs: Women in Computing Sciences (WiCS), Tippie Tech Analytics & Information Systems, Multicultural Business Student Association (MBSA)