

# AASHNA DORWAL

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## 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, Cybersecurity.

## TECHNICAL SKILLS

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

Software: Microsoft Excel, Microsoft Access, Microsoft Power BI

Tools: VS Code, Git, Tailwind CSS, React, Pandas, Matplotlib, Jupyter, Tableau, Next.js

## 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

### Finance Management Web Application ([Link](#))

Aug 2024

- Developed a responsive SaaS platform using Next.js and TypeScript for tracking personal finances, including income, expenses, and budget management.
- Integrated financial APIs, including Plaid and Dwolla, for secure financial data collection and transaction processing, enhancing user financial management capabilities.
- Designed user interfaces with React and Tailwind CSS for seamless user experience across devices.

### 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.

## INVOLVEMENT

Habitat for Humanity (Builder), Community Crisis Services (Food Bank), Women in Computing Sciences (WiCS), Tippie Tech Analytics & Information Systems, Multicultural Business Student Association (MBSA)