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.

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 Juypter.
- 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)