

# Alec Bhamani

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## Data Science Undergraduate | Operations Strategy & Data Analytics | AI Prediction Models

A dedicated Data Science major at the University of Wisconsin-Madison with a growing technical foundation in statistical analysis, machine learning algorithms, and software development. A natural team leader with over 5 years of work experience, known for optimizing operational workflows and delivering exceptional customer service in fast-paced environments. Adept at balancing rigorous academic coursework in probability and computer science with management responsibilities.

**Core Competencies:** Data Science Strategy · Statistical Analysis & Probability · Python (NumPy, Pandas, Flask) · R · Java · Clustering Algorithms · Linear Algebra · Regression Models · Machine Learning Models & Related Statistics

**Professional Skills:** Operational Workflows · Team Leadership & Mentoring · Professional AI Leveraging

## Experience

**Krahnborn** | Madison, Wisconsin - **Associate Consultant** (January 2025 - Present) Contribute to the development of data-driven solutions and automation strategies within a professional consulting environment. Collaborate with cross-functional teams to optimize internal processes and enhance client deliverable accuracy.

- **Key Accomplishments:**
  - **Workflow Innovation & AI Integration:** Leverage advanced AI tools and machine learning frameworks to enhance project efficiency and technical accuracy. Implement automated solutions that reduce manual overhead, utilizing modern LLM prompting and data analysis techniques to accelerate the development lifecycle and improve decision-making processes.

**Wisconsin Union** | Madison, Wisconsin - **Bar Manager and Catering Staff** (January 2024 – January 2025) Promoted to Bar Manager after demonstrating consistent reliability and leadership excellence. Responsible for overseeing bar operations and staff coordination for high-volume university venues.

- **Key Accomplishments:**
  - **Leadership & Team Coordination:** Lead a team of staff members, ensuring smooth service delivery during peak hours and events. Leverage strong team-building skills to foster a collaborative and high-energy work environment.

**Blue Lynk, LLC** | Austin, Texas - **Jr. Project Engineer** (January 2020 – October 2022) Served as a project engineer for a digital document management company, ensuring the delivery of interactive products to both public and private clients, including school districts, municipalities, hospitals, and semiconductor industry leaders.

- **Key Accomplishments:**
  - **Client Success:** Closed 20+ projects with a 100% customer satisfaction rate, ensuring cloud-based deliverables met strict quality standards.

## Technical Projects

**Crystal Farms & Cub Foods Prediction Model** | *1st Place Winner, UW-Madison Tech Exploration Lab*

- Collaborated with a team of four to engineer a Python-based machine learning model designed to identify optimal promotional windows for Crystal Farms and Cub Foods.
- Analyzed historical sales data to predict specific timeframes where discounts would maximize profitability.

## Education

**BACHELOR OF SCIENCE IN DATA SCIENCE** University of Wisconsin-Madison, May 2028 | Madison, Wisconsin

- **Relevant Coursework & Interests:** Statistics and Probability Theory, Linear Algebra, Computer Science (Python/Java), Machine Learning Concepts (Clustering Algorithms, K-Means), Web Development (Flask), and Regular Expressions.