

RESEARCH INTEREST

My research interests focus on Human-AI collaboration, strategic AI/ML implementation, and ethical AI systems. I aim to develop frameworks that align AI with organizational goals, enhance decision-making, and ensure transparency and fairness. Additionally, I am passionate about leveraging neural networks and predictive analytics to optimize resource allocation and drive innovation in dynamic business environments.

EDUCATION

- **Master of Science in Management Information Systems** Graduation: December 2024
University of Nebraska at Omaha, Omaha, NE
- **Master of Business Administration** Graduation: December 2024
University of Nebraska at Omaha, Omaha, NE
- **Bachelor of Science in Management Information Systems** Graduation: December 2020
University of Nebraska at Omaha, Omaha, NE

RESEARCH EXPERIENCE

- Independent Researcher** | University of Nebraska at Omaha College of IS&T August 2024 - Present
- Conducting a quantitative analysis and comprehensive literature review on the relationship between organizational strategy and AI/ML implementation.
 - developing of strategic AI frameworks for improving workplace efficiency and decision-making.
 - Using PRISMA methodology to synthesize insights from 50+ peer-reviewed studies.
 - Identified recurring challenges, such as data readiness, leadership alignment, and cultural barriers, and proposed a proposed framework for aligning AI initiatives with strategic intent.
 - This research contributes to the growing need for ethical, and human-centered AI systems in dynamic organizational contexts.

TECHNICAL and MANAGEMENT EXPERIENCE

- IT Project Analyst** | Union Pacific Railroad (PS Technology) Jun 2022 - Present
- Managed a \$500K application, delivering a \$100K feature enhancement and overseeing crew management systems (CrewPro, TCS, TAXI).
 - Led Agile teams to achieve milestones, conducted user acceptance testing, and served as QA, Scrum Master, and Business Analyst.
 - Collaborated with stakeholders to manage and track changes in requirements and scope while maintaining comprehensive project documentation.
- Jr. IT Project Consultant** | Union Pacific Railroad (PS Technology) May 2021 - Jun 2022
- Developed business plans, use cases, and test scenarios for products like CrewPro Short Line and Security.
 - Assisted in resolving critical issues and tracking progress via Jira.
 - Served as a Business Analyst for over two features.
- Application Developer Intern** | Union Pacific Railroad (PS Technology) Jan 2020 - May 2021
- Conducted automation testing using Selenium and ensured technical delivery of tasks.
 - Verified product compliance with security requirements.
 - Contributed to reverse engineering of application self-service.
 - Translated application content from English to French for Canadian stakeholders.

- Managed a team of 10 developers to complete tasks and milestones on time.
- Conducted automation testing with Pest and Selenium and documented project lifecycle using Clarity tools.
- Developed webpages for projects like UNMC Scholar Score and UNO Glacier Creek, utilizing JavaScript, HTML, CSS, PHP, and Bootstrap.

TEACHING EXPERIENCE

ISTEM Teacher | University of Nebraska at Omaha College of IS&T May 2019 - Jun 2022

- Taught Java, JavaScript, and Python to middle school students promoting independent learning.
- Motivated students through meaningful, progressively challenging tasks focused on self-exploration.
- Engaged students in active, hands-on, problem-based learning experiences.

STARTUP EXPERIENCE

Startup Founder | Shea Shine LLC Jun 2022 - Present

- Developed business plan, marketing strategy, and e-commerce platform.
- Pitched to investors and sold out products at farmers markets.
- Managed product distribution and social media marketing.

CERTIFICATIONS

- Certificate in Systems Development December 2020
- Certified SAFe® 5 Scrum Master February 2020
- Systems Analysis & Design Certified January 2023
- Certified Project Management December 2023

HONORS/AWARD

- Emerging Tech Leadership Award – Participated in six-month leadership academy.
- Professional Networking Co-Chair Award
- Global Business in France Award (Burgundy School of Business)

INVOLVEMENTS/ INTERESTS

- Co-Founder | Nebraska Women of Color in TECH July 2022 - Present
- Professional Networking Co-Chair | UP Ties (Union Pacific) October 2021 - Present
- Chief Administrative Officer | CEO (Collegiate Entrepreneurs Organization) Jun 2020 - December 2020
- President | MISSO (Management Information System Student Organization) August '19 - December 2020
- Union Pacific Golf League

VOLUNTEER EXPERIENCE

- Coordinated United Way fundraising, helping raise \$965K in 2024 for Union Pacific Tech.
- Volunteered with Code Crush to teach coding and review applications for students.
- Distributed meals to underprivileged families through Kids Meal.
- Automated the NorthStar Foundation's facility rental process, integrating it with their website.

TECHNICAL SKILLS

Software Applications	Microsoft office, PhpStorm, Visio, Microsoft PM, REST API
Tools	Jira (Project Management), Trello, Monday
Programming Languages	Python, PHP, JAVA, JavaScript, HTML5, SQL, JSON, CSS
Framework	Bootstrap 4.3, Django, Laravel, PEST PHP, Selenium
Other	Agile Methodologies, Automation Testing, Agile Methodologies, Market Analysis, Data Mapping, Business Systems Analysis, Bilingual (French/English).