

## EDUCATION

**The University of Texas at Dallas** - *B.S. Computer Information Systems and Technology*

**December 2024**

**Honors:** Davidson Management Honors Program

**Scholarships:** *Expedition EY Scholarship*

## EXPERIENCE

**Huron Consulting Group** - *Digital Consulting - Analyst*

**January 2025 - Present**

- Design and build data transformation solutions using SQL/WQL (Workday Query Language) to query and extract data from enterprise databases, processing 560GB of data across 5 integrations weekly for university and healthcare clients.
- Engineered automated reporting system using Power Automate and LLM integration that pulls data from multiple Smartsheet sources, performs data cleaning and standardization, generates AI-powered summaries of meeting notes and action items, and delivers automated manager reports via email - eliminating 1,500+ hours of manual work weekly across 1,000+ managers.
- Develop automated data pipelines that transform XML to JSON formats, implementing data cleaning, standardization and field mapping logic to ensure accurate API uploads and system-integrations across multiple enterprise systems.
- Build custom enterprise applications using Workday Extend technology (certified) that automate previously manual business processes, reducing operational overhead, and improving data accuracy through systematic workflow orchestration and validation logic.
- Contributed to development and ongoing maintenance of Time Tracking Solution for Internal Projects, a production-grade Workday Extend application published on Workday Marketplace ([View App on Workday Marketplace](#)).
- Utilize ServiceNow daily to manage client communications, track project requirements, document technical specifications, and provide status updates on integration deliverables, ensuring stakeholder alignment and project transparency.
- Handle and process multi-gigabyte data files through orchestrated workflows involving data transformation, SFTP transfers, and bulk API operations, ensuring data integrity and system performance across large-scale enterprise implementations.

**Huron Consulting Group** - *Digital Consulting - Intern*

**May 2024 - August 2024**

- Led technical research and data analysis across multiple educational institutions to develop comprehensive go-live strategies for Workday implementations, ensuring seamless data migration, system adoption, and stakeholder readiness through detailed process mapping and requirement gathering.
- Engineered a student scheduling application using advanced backtracking algorithms and Workday Extend, integrating real time course enrollment data to automate schedule building and optimize student course selection. The application was subsequently purchased and adopted by two major universities for production use.

**PwC** - *Start Consulting Intern*

**May 2023 - August 2023**

- Conducted comprehensive data analysis for national education nonprofit focused on connecting professionals to underrepresented communities to increase college access and educational equity across diverse student populations.
- Designed and developed interactive dashboards in Tableau and PowerBI to track critical KPIs including student demographics, professional outreach effectiveness, program geographic reach, and percentage of underrepresented students served, enabling data-driven strategic decision-making.
- Performed in-depth data analysis using SQL, Excel, and Alteryx to extract actionable insights from thousands of records, identifying significant demographic gaps and creating comprehensive data-driven action plans that directly informed strategic recommendations presented to nonprofit leadership.
- Built automated data pipelines connecting multiple data sources to visualization tools, enabling real-time reporting capabilities and reducing manual data processing time by 60% through systematic automation of data extraction, transformation, and loading workflows.

**PwC** - *Consulting Extern*

**October 2022 - December 2022**

- Performed comprehensive market research and competitive analysis for national education nonprofit, leveraging data analytics techniques to identify strategic expansion opportunities and optimize college access initiatives across target demographics and geographic regions.

**EY** - *Expedition Program*

**January 2022 - June 2022**

- Selected from 4,000+ applicants for a competitive program focused on data analytics, machine learning, and predictive analysis. Recipient of \$10,000 scholarship.

## Leadership & Project Management

**180 Degrees Consulting at UT Dallas** - *President*

**May 2024 - December 2024**

- Managed team of 7 directors across project delivery, client relations, and operations, setting strategic direction and ensuring organizational alignment with goals while overseeing delivery of 15+ consulting projects for companies across profitability analysis, revenue generation strategies, and marketing optimization.
- Implemented systematic process improvements that increased project throughput by 10% semester-over-semester through enhanced team coordination, resource allocation optimization, and standardized project management methodologies across all consulting engagements

## Technical Projects

**NutriOne** - *Full-Stack Nutrition Tracking Application*

- Engineered custom YOLOv8 computer vision models for automated food detection, training on Food-101 dataset using PyTorch and processing large-scale image data to achieve accurate nutritional classification.
- Built production-ready backend using FastAPI and PostgreSQL with 21 modular service components, implementing RESTful API design for user authentication, meal logging, water tracking, and nutritional analysis with comprehensive data validation.
- Implemented automated data preprocessing pipelines for ML workflows, managing large-scale image datasets for model training and optimization.

## Technical Skills

**Certifications:** Workday Integrations, Workday Extend, Workday Orchestrations

**Data & Analytics:** SQL, PostgreSQL, WQL (Workday Query Language), Python, Alteryx

**Visualization & Reporting:** Tableau, PowerBI, Excel (Advanced)

**Enterprise Platforms:** ServiceNow, Workday Studio (Certified), Workday Extend (Certified), Workday Studio, Power Automate, Smartsheet

**Programming & Development:** Java, Python (data analysis, automation scripting), JavaScript, Astro, CSS, TypeScript, XSLT, XML/JSON transformation

**Interests:** Olympic Weightlifting, Rock Climbing, Hiking, Chess, Volleyball, Basketball, Music