

# Nicklas Doran

906-828-5230 | doranni4@msu.edu | [LinkedIn](#) | [GitHub](#)

## EDUCATION

---

**Michigan State University** | East Lansing, MI

*Expected Graduation: May 2028*

B.A. Communications (Pursuing transfer to College of Business) | Minor: Entrepreneurship & Innovation

GPA: 4.00/4.00 | Dean's List

## TECHNICAL PROJECTS

---

### Screenshot-to-Event: AI-Powered Event Automator

*Python, OpenAI API, Google Calendar API*

- Built an end-to-end automation tool leveraging GPT-4o Vision to extract and parse event details from screenshots, eliminating manual calendar data entry
- Integrated Google Calendar API with OAuth 2.0 authentication to securely sync parsed event data to a personal calendar
- Implemented file system monitoring with Watchdog to automatically detect new screenshots and trigger the extraction pipeline

### Full-Stack User Authentication System

*TypeScript, Python, Next.js, FastAPI*

- Designed and developed a full-stack authentication web application with a React/Next.js frontend and FastAPI backend connected via REST API
- Implemented secure credential storage using Bcrypt password hashing and built a session management pipeline with JSON Web Tokens (JWT)
- Configured SQLAlchemy ORM for database operations and Pydantic for request/response data validation across the application

### NBA Draft Prediction Model

*MSU AI Club Guided Project*

- Building a machine learning model to predict NBA draft outcomes using player statistics and performance data
- Applying data science and ML concepts to a real-world dataset through a structured, weekly guided project program

## SKILLS

---

**Languages:** Python, TypeScript/JavaScript, HTML/CSS, C++, SQL

**Frameworks & Libraries:** React, Next.js, FastAPI, TailwindCSS, SQLAlchemy, Pydantic

**Tools & Platforms:** Git, GitHub, OpenAI API, Google Cloud APIs, OAuth 2.0

## WORK EXPERIENCE

---

### Personal Shopper | Walmart

*Summer 2025*

- Fulfilled online grocery orders with accuracy and efficiency, managing multiple concurrent orders to meet delivery deadlines

### Deli Clerk | Tadych's Marketplace Foods

*Summer 2024*

- Managed customer orders in a fast-paced environment, maintained food safety standards, and coordinated with team members during high-volume periods

### Bag Room Attendant | Pine Grove Country Club

*Summer 2022*

- Provided customer service to club members, organized equipment logistics, and maintained efficient daily operations

## INVOLVEMENT

---

### MSU AI Club – Member

- Attend weekly workshops on AI and machine learning topics; building an NBA Draft Prediction Model through the club's guided project program

### MSU Entrepreneurship Association – Member

- Engage in weekly workshops centered on startup building, product development, and go-to-market strategy

### MSU Marketing Association – Member

- Participate in speaker sessions and networking events focused on marketing strategy and brand development