

JENNIFER GONZALEZ

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science, Computer Science + Advertising

Expected Graduation: May 2026

GPA:4.0

Wilbur Wright College

Associate of Engineering Science, Computer Science

Graduation: May 2024

GPA:3.7

EXPERIENCE

Discovery Partners Institute –Technology Intern

June 2024 – July 2024

- Conducted a research project involving **data analysis** of Wastewater Viral Activity data using **Google Colab** and **Python Pandas**, comparing **ARIMA and Prophet algorithms** for **time series forecasting**, and demonstrated that ARIMA outperformed prophet in forecasting accuracy by 15% on average across five Midwest states

Current - *Web Developer Intern*

June 2024 – July 2024

- Designed a **high-fidelity wireframe microsite** for Chicago Water Week, including designing layout, creating initial content, and researching **SEO optimization**

Nexamp - *Deployment Field Fellow*

May 2024 – July 2024

- Achieved industry certifications and hands-on experience** in solar technology, construction, project management, IT, and business development through a comprehensive Nexamp fellowship, culminating in a capstone presentation to Nexamp leadership

PROJECT HIGHLIGHTS

Project: GroceryGauge – Real-Time Grocery Price Tracker– Frontend Web Developer

Jan 2025 – May 2025

- Developed responsive **React components** for product browsing, cart functionality, and price alert features using hooks and state management
- Implemented dynamic search functionality with query-based filtering and persistent state
- Integrated RESTful APIs from a Django backend** to display real-time grocery pricing data
- Built a **user-friendly UI** with reusable components (e.g., ProductCard, TopBar, CartItem) following modular design patterns.
- Debugged fetch-related issues and React Router behaviors, **improving test coverage** with @testing-library/react

SKILLS

- Languages/Frameworks:** Python, C++, HTML/CSS, Javascript, React, JSX
- Technologies:** Visual Studio, Git, Github, Microsoft Office Suite, Canva, Figma
- Concepts:** Object Oriented Programing
- Backend Collaboration:** Familiarity with Django-based REST API endpoints, model-serializer-view architecture

LEADERSHIP

Society of Hispanic Professional Engineers

Sep 2022 – Present

Publicity Team Board Member of UIUC Chapter (2024-Present)

- Drove social media content creation** and scheduling with SHPE Publicity Team, increasing event visibility and strengthening member engagement

Activities and Public Relations Director of Wright College Chapter (2022-2024)

- Coordinated with SHPE board members and Student Government Association to **create social and skill-based events** to promote STEM advancement in the Hispanic student body within the organization of 50+ members
- Managed chapters social media account**, increasing following count by 100+ users, while creating posts with photos of our events and posts to advertise about upcoming gatherings

American Advertising Federation

Sep 2024 – Present

AdTech Member of UIUC Chapter (2024-Present)

- Contributed to the AdTech team's initial strategy for a social media campaign for an assigned company, aimed at CPG executives and participated in discussions for a brand messaging revamp to emphasize partnership and trust in the B2B market

Volunteering

Discovery Partner's Institute - *Mentor*

Sep 2023 – Mar 2024

- Assisted the Discover Computing Program as a mentor for high school students who explored web development using **HTML/CSS**, **machine learning using Python**, **data analysis** and **Java**