Xander L. Williams

3345 28th St CT Rock Island, IL 61201•309.716.6131• xanderwilliams22@augustana.edu

Summary

Data-driven and detail-oriented professional with a strong foundation in computer science and hands-on experience in data analytics, C#, Python, and SQL. Eager to contribute to innovative teams solving problems using technology

Professional Experience

Part-time Student-Jr. Price Analyst
John Deere-Rock Island, Il
June 2023-Present
Supervisor: Mr. Matthew Moore; Phone Number: (309) 765-4942

- Engineered automated web scraping pipelines across multiple competitor sites to extract part data, transforming raw inputs into structured datasets for seamless integration into internal databases used by cross functional teams.
- Developed and maintained structured pricing datasets to streamline access to market data, enabling efficient monthly and bimonthly price reviews, complaint tracking, and strategic pricing adjustments.
- Created and distributed weekly alert reports consolidating automated pricing notifications, enabling rapid identification and resolution of pricing discrepancies across product lines.
- Designed and implemented automation solutions to eliminate manual steps in routine pricing workflows, boosting turnaround speed, and enhancing process reliability across operations.
- Collaborated closely with the data team to analyze and identify weaknesses in the pricing engine, contributing to system improvements, and better pricing accuracy.

Summer IT Internship
Lynco Products Inc. - Milan, IL
June 2022-August 2022
Supervisor: Mr. Jake Lincoln, (309) 798-7957

- Developed multiple C# and SQL-based programs to automate inventory analysis within the Lynco database, including duplicate item detection, stock quantity aggregation, and classification by item number, ID and type. Implemented logic to assign item groups and generate structured reports for improved data integrity and operational efficiency.
- Contributed to improved organization and data structure within the Lynco inventory system by developing custom automation tools that streamlined item classification and stock tracking.
- Participated in IT Division leadership meetings to support ongoing initiatives and gain insight into enterprise-level IT processes, infrastructure, and strategic planning.

Extracurricular and Volunteer Activity
President/Founder, Video Game Club (2018-2020)
Alleman High School-Rock Island, IL
- Founded and launched the school's first Video Game Club by pitching the concept and its benefits to school leadership and faculty
- Drafted a formal code of conduct with a tiered disciplinary system to ensure a respectful and inclusive environment.
- Organized and promoted monthly themed gaming events, including the Halloween Horror Game Party with 30+ attendees.
- Collaborated with faculty and administration to ensure all games aligned with school ethics policies.
- Designed marketing materials (posters, tickets) and managed logistics including equipment set up and internet access.

Education
Augustana College-Rock Island Illinois
Bachelor of Arts in both Data Analytics and Computer Science
Minor: Geology
Anticipated Graduation: May 2026
- 3.4/4.0 GPA-Dean's List
- Recipient of Dean's Scholarship as result of grades and test scores

Moline High School/Alleman High School
- 4.34/4.0 weighted GPA (Top 10% of Moline's 2022 Graduating Class)
- National Honor Society (2020, 2021, and 2022)
- Advanced Placement and Honors Curriculum

Skills I've Acquired
Experience with C#, Python, JavaScript, Lua, R, GDScript, Microsoft Office Suite, Adobe Illustrator, Excel, Access, Data Bricks, Windows, macOS, and Linux.
Projects I've Worked On:
- **Software Development**: App creation using JavaScript
- **Game Development**: Experience with Godot
- **Data Engineering and Analytics**: R for business analytics & server/website creation