Harrison Atherton

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PROFESSIONAL SUMMARY

Experienced in problem-solving, communication, and customer service. Aspiring to become a data engineer, leveraging my technical skills and analytical expertise to build and maintain scalable data infrastructures.

EDUCATION

University of Nevada, School of Computer Science & Engineering – Las Vegas, NV   **Expected Graduation – Summer 2025**
Bachelor of Science in Computer Science

TECHNICAL SKILLS

Programming Languages: C++, Python, R, SQL
Data Analysis & Visualization: Tableau, Microsoft Excel
Database Management: SQL
Libraries & Tools: Pandas, Excel (Advanced Functions)

RELEVANT COURSEWORK

Computer Science: Intro to Systems Programming, Computer Organization, Data Structures, Automata and Formal Languages, Building Apps in the Cloud, Information Assurance, Advanced Logic
Math: Discrete Mathematics, Computational Linear Algebra, Calculus II

CERTIFICATIONS

Google | Google Data Analytics Professional Certificate   **August 2024**
Developed expertise in data-cleaning, data visualization, and data analysis using tools such as R, SQL, and spreadsheets.

HONORS & ACTIVITIES

UNLV Dean's List   **Fall 2022**
• Completed 12 credits of rigorous Computer Science courses with a 3.50 GPA or higher

PROJECTS

athertonh.com/portfolio
Weather: A Pandas Analysis
• Conducted a comprehensive analysis of weather patterns using Python and the Pandas library to process, clean, and analyze historical weather data.
Threads: Efficient Multithreaded Calculation of Evil and Odious Numbers
• Efficiently calculate the count of Evil and Odious numbers within a specified range using multithreading..
Semaphores: Traffic Light Simulation Program
• Utilizes threads to represent vehicles and semaphores to control the traffic lights, ensuring safe and smooth traffic flow without collisions or deadlocks.
Lexical Analysis: A C-Based Scanner and Recursive-Descent Parser
• An implementation of a scanner and recursive-descent parser for a custom language, Yoshi-Island-Lang, written in C.

EMPLOYMENT EXPERIENCE

Domino's | Delivery Expert | Las Vegas, NV   **January 2018 – Current**
• Communication: Effectively communicated with team members and customers to ensure smooth delivery operations and high customer satisfaction
• Problem Solving: Analyzed delivery routes and identified inefficiencies, developing solutions that reduced delivery times and improved customer service
• Training and Mentorship: Trained new employees on delivery protocols, customer service standards, and company procedures, fostering a collaborative and efficient work environment
• Customer Service: Provided exceptional customer service, addressing and resolving customer complaints and inquires to enhance overall satisfaction