

Hemanth Dhamodharan

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PROFESSIONAL PROFILE

Detail oriented and motivated Business Computer Information Systems student at the University of North Texas with a passion for data analytics, AI applications, and problem solving through technology. Proficient in Python, SQL, Excel, and C++, with hands on experience in building systems for data tracking, reporting, and automation. Eager to apply classroom learning and technical skills in a real world internship setting in healthcare, finance, or technology.

TECHNICAL SKILLS

Languages & Tools: Python, SQL, Core Java, HTML, CSS, JavaScript, C++, C, COBOL, Jupyter Notebooks, Tableau, Power BI, Excel, Word, Google Sheets

Software & Platforms: Microsoft Office Suite (Excel, PowerPoint, SharePoint), Google Workspace, PuTTY, WinSCP, Linux, Jupyter Notebooks, Windows

Concepts: Data Analysis, Object Oriented Programming, ERDs, Inheritance & Polymorphism, Data Visualization

CORE COMPETENCIES

Analytical Thinking | Collaboration | Communication | Adaptability | Data Driven Decision Making | Attention to Detail

EDUCATION

Bachelor of Science in Business Computer Information Systems

University of North Texas, Denton, TX

Expected Graduation: May 2026 | *GPA:* 3.2

Relevant Coursework: Computer Science I & II, Accounting Principles I & II, Principles of Microeconomics, Principles of Macroeconomics, Finance, Data Analysis, Business Statistics with Spreadsheets, Object Oriented Programming for Business, Introduction to Database Applications, Analysis of Business Information Systems, Enterprise Programming

CERTIFICATIONS

- **Microsoft Office Specialist: Excel Associate (Excel 2019)** – Spring 2024
 - **IBM Z Xplore Advanced Badge** - Fall 2024
 - **Data Analytics Job Simulation** – Spring 2025
 - **Data Science Job Simulation** – Spring 2025
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PROJECT EXPERIENCE

Library Management System – Python | Summer 2024

- Developed a Python based system to manage a library catalog including books, CDs, and DVDs using object-oriented principles like inheritance and polymorphism.
- Implemented user functionality to add, edit, delete, and track patrons, items, fines, and loan statuses.
- Demonstrated use of data handling and reporting techniques in a real world simulation project.

Mean Green EagleLift Ride Sharing System – C++ | Fall 2023

- Designed a C++ ride sharing system to manage driver and passenger matching based on accessibility, vehicle capacity, and custom needs.
 - Created an Entity Relationship Diagram (ERD) to map relationships among drivers, passengers, and rides using PuTTY and WinSCP.
 - Focused on optimizing matching algorithms for efficiency and inclusivity, simulating real time decision logic.
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COMMUNITY INVOLVEMENT

Volunteer – YMCA, Lakeland Hills, NJ | July 2019 – August 2019

- Promoted early childhood literacy by leading interactive story sessions.
- Ensured a safe environment for children during playground and indoor activities.
- Assisted with science and art project setups, demonstrating organizational and teamwork abilities.