

Corey Howard

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Education

Texas Tech University | Rawls College of Business

Lubbock, TX

Bachelor of Business Administration in Information Technology

Fall 2025

- Minor in Computer Science
- GPA: 4.0
- President's List: Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023

Coursework: Analytic and Development with Python, Data Base Management Systems, Business Intelligence, Information Systems, Data Structures, Data Visualization, Data Mining, Web Design Implementation

Technical Skills

Tools/Frameworks: Microsoft Office Applications, Agile Methodologies, Waterfall, ProjectLibre, MS Project, Visual Studio, Github, PowerBI, Tableau, Postman, JSON, Unix Administration, Shell Scripting

Programming Languages: SQL, Python, C/C++, R

Operating Systems: Windows, MacOS, Linux/Unix

Work Experience

Omnicom Group | Targetbase

Irving, TX

Technology Intern

June 2024 – August 2024

- Worked closely with technology data testers to perform API testing on a consumer relation functionality using Postman, where I pinpointed two critical bugs, leading to an improved system for the client
- Explored a new industry tool while facilitating its enterprise-wide integration, gathering user feedback via teams and word-of-mouth from 300 employees and creating a SharePoint landing site for post-deployment
- Performed analysis and research of marketing database to create detailed documentation to be facilitated by clients use in financial and strategic reporting
- Collaborated with interns on a cross-departmental project to research and present new insights to the Mars Petcare clients.

IT Help Central

Lubbock, TX

Student Analyst

September 2023 - Present

- Utilized analytical skills to pinpoint and promptly handle complex customer inquiries, providing step-by-step solutions
- Managed and resolved IT service requests from 40,000 staff, faculty, and students on an average resolution time of 10-30 minutes, resulting in improved productivity
- Demonstrated proficiency in troubleshooting a variety of computational issues, ensuring optimal user experience and continuous learning through customer service and communication

Projects

Electricity and Weather Analysis (Python)

- With a team of four, we performed an ETL process by merging, cleaning, and filtering three datasets electricity price, weather, and electricity consumption using **Pandas**
- Developed a correlation matrix to analyze relationships between variables, providing valuable insights into the interaction between the datasets

Personalized Haircare Recommender App (Python, SQL, HTML, CSS, JavaScript)

- Created a backend using **Flask** to run user inputs, product recommendations, and backend logic
- Orchestrated the integration of the frontend with the backend to provide real-time updates to the user interface
- Designed a **MySQL** database to store information about different hair types, products, and user preferences, ensuring data integrity and efficient querying.

Hotel Management System (C)

- Utilized abstraction and data structures to perform CRUD operations to simulate hotel features
- Stored user and room information into **array lists, linked lists, queue, and stack**
- Allows users to create bookings, update the stay, change rooms, check-in, and check-out

Campus Involvement

National Society of Black Engineers

January 2024 – May 2024

Association of Information Technology Professionals

September 2022 - Present

- Take part in meetings, events, and workshops regularly to explore new topics and trends in the IT industry
- Attain knowledge from guest speakers and aid other members in the organization
- Collaborated with 3 team members to introduce the club to new students, giving information on new events and opportunities

First Generation Transition and Mentoring Program

August 2021 – May 2022