

Cole McLean

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SUMMARY

Information Science student at the University of Colorado Boulder, minoring in Business. Skilled in IT support, UI/UX design, network administration, system management, and data analysis, with hands-on experience through internships, academic projects, and personal development.

EXPERIENCE

Corporate IT Intern

Vizient Inc.

June 2025 - August 2025, Centennial, CO

- **Engineered full-cycle application development** of the *Product Toolbox* over a 12-week internship, leveraging Microsoft Power Apps, Power Automate, SQL Server, and SharePoint to streamline process automation.
- **Collaborated with cross-functional teams** to gather requirements and design intuitive, user-friendly interfaces tailored to employee needs.
- Automated **data transfer workflows** between SQL Server and SharePoint using Power Automate, improving efficiency and accuracy.
- Authored **documentation and training materials** to support adoption and long-term maintainability, and published V1 of the application to the company intranet.

IT Help Desk and A/V Student Technician

University Of Colorado Boulder

February 2025 - September 2025, Boulder, CO

- **Provide technical support** to students, faculty, and staff by troubleshooting hardware, software, and AV systems.
- **Assist in deploying and maintaining** computer systems, peripherals, and classroom technology across campus.
- **Collaborate with team members** to resolve issues and enhance IT services for the campus community.

Digital Transformation Intern

MAC Insurance & Financial Services, Inc.

May 2024 - August 2024, Centennial, CO

- **Trained employees** on financial and organizational tools including E-Money, Redtail, Box, and Nitrogen, improving digital adoption.
- **Assisted in the development and rollout** of a new CRM system to streamline client and data management.
- Provided **technical support and resources** to ensure smooth adaptation to new digital workflows.

PROJECT

Personal Website & Webserver

cole-mclean.com/

- Designed and implemented **3D interactive elements** using Three.js.
- Deployed the site on a **custom domain (cole-mclean.com)** using the Pterodactyl panel and personal server infrastructure.
- Deployed a **self-hosted webserver** on Linux using the **Pterodactyl panel** to run personal projects and game servers.
- Developed practical skills in **server administration, deployment, and domain configuration**.

Product Toolbox

Vizient Inc. • June 2025 - August 2025

- Developed an internal application using **Microsoft Power Apps** and **Power Automate** to centralize company resources.
- Automated **data transfer workflows** between SQL Server and SharePoint, reducing manual effort and errors.
- Built a **front-end and back-end database** to streamline employee access to company tools.
- Integrated **AI-generated application descriptions**, improving clarity and usability for employees.

EDUCATION

Bachelor of Science in Information Science

Minor in Business • University Of Colorado Boulder • Boulder, CO • 2026 • 3.3 GPA

Bachelor of Science In Commercial Aviation

University Of North Dakota • Grand Forks, ND • 2024

- Transferred after receiving pilot's license

SKILLS

Front End: HTML, CSS, Javascript, React

Back End: Python, Java, Docker, Automate, PowerApps

Licenses: Private Pilot's License, Commercial Drone License.

Application Skills: Microsoft 365, Microsoft Power Apps, Microsoft Power Automate.