

# Ethan W. Carn

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Information Systems student at BYU's Marriott School of Business (3.98 GPA, full-tuition scholarship) with a Data Analytics emphasis and STEM certification. Skilled in Python, SQL, Tableau, and AWS cloud services, with demonstrated impact in B2B commercial analysis, relational database architecture, and data-driven program management. Proven leader delivering measurable outcomes across internship, nonprofit, and large-scale event management roles.

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## EDUCATION

### Bachelor of Science, Information Systems

Apr 2027

Data Analytics Emphasis, STEM-Certified Technical Program

Brigham Young University - Marriott School of Business, Provo, UT

- GPA: 3.98
  - Full-tuition scholarship from Brigham Young University
  - Member, Association for Information Systems (AIS)
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## TECHNICAL SKILLS

**Development:** Python, VBA, HTML/CSS, Bootstrap, C#, Machine Learning, AWS Cloud Services

**Data & BI:** Tableau, SQL, MySQL, PostgreSQL, Advanced Excel

### Projects

- **Ella Rises (2025):** Deployed a full-stack web application on AWS, engineering MySQL database schemas and Python backend logic for a nonprofit connecting girls with STEM mentors and resources.
  - **Flock - Utah State Hackathon (2026):** Architected and built a rideshare mobile app for college students in a 24-hour competition; awarded 2nd place among 40+ teams statewide for technical execution and market viability.
  - **Traditions Keeper / Student Alum Homepage (2024-2026):** Led UI/UX development of BYU's alumni engagement and fundraising hub, delivering iterative improvements through Brightspot CMS using HTML/CSS and Bootstrap.
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## EXPERIENCE

### Commercial Development Program Intern

May 2026 - Aug 2026

Dow Chemical Company, Midland, MI

- Directed a 12-week B2B commercial growth project, delivering a 3-segment market analysis and strategic recommendations to 5+ senior leaders across business units.
- Identified a \$500K+ addressable revenue pipeline through cross-functional market research, competitive analysis, and structured stakeholder interviews.
- Delivered data-driven commercial insights and synthesized complex market findings into executive presentations that influenced go-to-market decisions.

### Session Coordinator

May 2025 - Aug 2025

FSY (For the Strength of Youth), USA

- Directed cross-campus logistics, scheduling, and incident response for 2,000+ youth participants across a multi-campus residential program.
- Designed staff feedback surveys and analyzed results to implement targeted improvements, increasing employee satisfaction scores by 100%.

### President

Sep 2023 - Present

BYU Student Alumni Association, Provo, UT

- Coordinated 20+ networking events for 200-2,000 students and alumni, achieving a 35% increase in post-event satisfaction scores through strategic programming and feedback analysis.
- Directed volunteer logistics and event operations for high-profile networking events serving 600+ attendees, reducing setup time by 25% through process optimization.
- Partnered with 60+ campus organizations to execute campus philanthropy campaigns, raising \$30,000+ for students in financial need.

### Database Designer

Jan 2025 - Apr 2025

Brighter Destiny International (Nonprofit), Provo, UT

- Architected a normalized relational database in MySQL to track donor, participant, and program records for an international nonprofit supporting 60+ students across multiple regions.
  - Designed ER diagrams and schemas to enforce referential integrity, scalability, and alignment with reporting requirements.
  - Developed SQL queries and automated reporting workflows enabling leadership to generate monthly impact summaries and eliminate manual data entry.
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## AWARDS, SKILLS & INTERESTS

- Eagle Scout, Boy Scouts of America, Troop 787
- 2nd Place, Utah State Hackathon - Sandbox Startups (2026)