

Ethan Trent

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EDUCATION

Brigham Young University

Bachelor of Science in Computer Science, Certificate Full Stack Development

September 2023 – July 2026

Rexburg, ID

Cornell University

Machine Learning Certificate

May 2026 – August 2026

Remote

PROFESSIONAL EXPERIENCE

Charles Schwab

Product Manager Intern

June 2026 – August 2026

Westlake, TX

- Incoming: Summer 2026 — Conversational AI team

Cornell Tech x Break Through Tech AI

AI Fellow

May 2026 – April 2027

Remote

- Selected from 3,500+ applicants for a 12-month AI/ML fellowship with Cornell faculty; earning the Cornell University Machine Learning Certificate upon completion
- Partnering with an industry company through AI Studio on a real-world ML challenge project; TBD

Information and Communication Services – Global Nonprofit

Project Manager Intern

January 2026 – May 2026

Riverton, UT

- Drove AWS migration of the Financial Audit System, modernizing the platform for 50,000+ volunteer auditors across 31,000 units; managed sprint planning and release roadmaps in Azure DevOps
- Spearheaded the discovery-phase development and operational use of AuditAI; 6 internal AI agents for the Audit department, automating 30% of common processes and workflows, reducing 50% of manual labor time
- Aligned 3 cross-functional teams (engineering, Auditing Dept, General Counsel) on parallel maintenance and modernization workstreams, delivering regulatory-compliant releases on a 2-week sprint cadence

KBXCOM – Unified Property/Utility Billing SaaS

Software Developer Intern

July 2025 – December 2025

Rexburg, ID

- Co-built U2, a unified real estate and utility billing SaaS platform targeting a \$340M SOM; defined product requirements and prioritized features across 3 investor pillars based on legacy benchmarking
- Researched AI analytics and designed the product roadmap covering 6 ML capabilities (anomaly detection, usage forecasting, equity heatmaps, predictive collections); deployed on AWS
- Compressed PRD-to-prototype cycle from weeks to days using AI-assisted development (Claude Code, Cursor, Codex), enabling faster user validation and production timelines each sprint

PROJECTS

BYU-I Support Agent | *Python, LangChain, OpenAI API, RAG*

- Prototyped an AI-powered campus support agent now live in beta at BYU-Idaho serving 20,000+ students to handle Financial Aid, Registration, and Tech support
- Defined intent categories, conversational flows, and escalation logic; authored requirements and PRD for prototype that was adopted into institutional deployment

LEADERSHIP

Coding Interviews | *Founder/President*

April 2025 – December 2025

- Identified unmet demand for peer-led technical interview prep through informal surveys; founded club that grew from 11 to 30+ active members in two semesters
- Iterated on workshop curriculum based on weekly member feedback; 40% of active members landed internships

SKILLS

Product: Roadmapping, PRDs, Azure DevOps, User Research, Jira, Agile/Scrum, Stakeholder Management

Technical: Python, JavaScript/TypeScript, AWS, Git, SQL, React, Node.js, GitHub

AI/LLM: Claude, OpenAI, scikit-learn, pandas, NumPy, LangChain, Hugging Face, Prompt Engineering, RAG