Ben T. Prisby

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EDUCATION

Michigan State University   **East Lansing, MI**
Bachelor of Science: Industrial Engineering and Supply Chain Management   *September 2021-Present*
Minor: Business

EXPERIENCE AND DEVELOPMENT

Rivian - Supply Chain Engineering Intern   **Plymouth, MI**
2025
- Built a real-time supply chain engineering dashboard in Hex using SQL and Python to validate and analyze 50+ truckloads, driving $50K+ in savings.
- Engineered data pipelines using Oracle OTM, SAP, Basecamp, and PFEP to cross-validate sources and streamline hazardous material ordering for purchasing and procurement, saving 10+ hours weekly.
- Pioneered MCP integration within Cursor, configuring natural language query capabilities against the Databricks warehouse to streamline cross-functional data access.

Home Chef - Operations Engineering Intern   **Chicago, IL**
2024
- Led a self-initiated sustainability project using SQL to identify energy overuse across plant systems, reducing overall energy consumption by 97%.
- Developed a Python and SQL dashboard to track quality issues and customer complaints, performing root cause analysis that improved product reliability and response time.

Onyx Detailing Solutions - Business Owner   **Remote**
2024 – 2025
- Founded and scaled Onyx Detailing Solutions, an auto detailing business serving East Lansing and Metro Detroit; grew to 3 employees, specialized in high-precision interior restorations, and generated $20,000+ in revenue
- Constructed end-to-end MCP (Model Context Protocol) tool integrated with Claude LLM to fully automate customer inquiries through to service scheduling

Personalized Workflow Solutions - Co-Founder & CEO   **Remote**
2025-Present
- Co-founded startup working with niche business owners to create AI-driven workflow automations
- Developed a Python-based lead generation platform automating 3,000+ client inquiries weekly
- Engineered and deployed fully autonomous, end-to-end marketing workflows leveraging agentic, brand-style-trained models using Python, Cursor, & Docker

CLUBS & EXTRACURRICULARS

AI Club – Project Manager (*2023-25***)**
- Developed a competitive chess AI using Python and Minimax algorithm, optimizing decision-making through heuristic evaluation and alpha-beta pruning to effectively compete against other ML models.

Society of Applied Engineering Sciences – Executive Board (Director of Alumni Relations) (*2025***)**
- Launched an alumni connection program, matching 100+ engineers with mentors from Microsoft, Ford, GM, Amazon, Google, Nvidia and Stryker for career guidance and networking

Claude Builder Club | Delta Sigma Phi – Head of Life Etiquette & Apparel | Varsity Athlete (Soccer, Track, Sailing); Captain

COURSES & CERTIFICATIONS
Harvard Extension School - CS50X: Scratch, C, Data Structures, Flask, HTML, JavaScript, SQL, Python, CSS
DeepLearning.AI - Neural Networks & Deep Learning
Duke University - Scripting in SQL & Python for Data Engineering
Palantir Technologies – Palantir Foundry Foundations