

Robert Schilp
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EDUCATION

University of Michigan | Ann Arbor, Michigan

August 2023 – May 2026

- Major: Data Science
- Relevant Courses: EECS 183, 280, 281, 492, 493, 486, DATASCI 315

3.0 GPA

Henry Ford College | Dearborn, Michigan

August 2021 – May 2023

- Associate's Degree, General Studies
- Honors College Edsel Ford Scholarship Recipient, Honors Graduate

3.78 GPA

EXPERIENCE

Homestream | Ann Arbor, Michigan

May 2025 – Present

Cofounder (Real Estate Data Platform) - Ann Arbor Spark F2025 Clients

- Real-time real estate analytics platform with a conversational property assistant.
- Led database schema design, external API integration, and Flip/Rehab scoring model development.
- Individually raised over 75k in non-dilutive funding

CapturNetwork | Detroit, Michigan

December 2024 – January 2025

Decentralized Database Research Intern

- The combined focus of my proposals were to develop a robust, decentralized system for real-time data validation and long-term storage. By integrating advanced hashing techniques, scalable data ingestion methods, and decentralized archival solutions, the system ensures data integrity, transparency, and accessibility.

TECHNICAL PROJECTS

BassClass - Bass Fishing Classifier / Regression Model Personal Project (Python)

- Designed and implemented an end-to-end machine learning pipeline for bass fishing analytics, including data generation, preprocessing, feature engineering, and model evaluation; trained Random Forest classifiers to predict catch likelihood and regression models to estimate fish weight/length under varying environmental conditions. The overall goal was to forecast my fishing success for today based on data I've collected in the past.

User Testing & Product Validation for Homestream (Real Estate Data Platform)

- Designed and executed structured user-testing sessions with mortgage lenders, bankers, and real-estate investors to validate Homestream's underwriting automation workflows; synthesized feedback into actionable product changes, refining data-collection forms, loan-packet generation flows, and property-analysis features to improve clarity, reduce friction, and align the platform with real lender decision processes.

Honey Orders – Real World Honey Order Tracking System (C++)

- Built a C++ order-tracking tool to help a beekeeper manage honey bottle orders by customer; used hash maps for quick lookups, organized buyer and order details, updated quantities and totals in real time, and handled repeat customers and add-on orders to simplify day-to-day order management.

C++ R Modeling Python HTML CSS Figma

- Henry Ford College Baseball Captain.
- Henry Ford Homeless Coalition, Founder
- Henry Ford College Athletics, Volunteer Tutor
- Special Olympics Michigan Swim School
- Club Baseball President.

August 2021 – June 2023

September 2022 – January 2023

August 2021 – June 2023

September 2024 – Present

September 2025 - Present