

Robert Schilp
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EDUCATION

University of Michigan Ann Arbor, Michigan	August 2023 – May 2026
<ul style="list-style-type: none">Major: Data ScienceRelevant Courses: EECS 183, 280, 281, 492, 493, 486, DATASCI 315	3.0 GPA
Henry Ford College Dearborn, Michigan	August 2021 – May 2023
<ul style="list-style-type: none">Associate's Degree, General StudiesHonors 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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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)
<ul style="list-style-type: none">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)
<ul style="list-style-type: none">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++)
<ul style="list-style-type: none">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
<ul style="list-style-type: none">•••••	Henry Ford College Baseball Captain.						August 2021 – June 2023
	Henry Ford Homeless Coalition, Founder						September 2022 – January 2023
	Henry Ford College Athletics, Volunteer Tutor						August 2021 – June 2023
	Special Olympics Michigan Swim School						September 2024 – Present
	Club Baseball President.						September 2025 - Present