

Robert Schilp
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EDUCATION

University of Michigan Ann Arbor, Michigan	August 2023 – May 2026
• Major: Data Science	3.0 GPA
• Relevant Courses: EECS 183, 280, 281, 492, 493, 486, DATASCI 315	
Henry Ford College Dearborn, Michigan	August 2021 – May 2023
• Associate's Degree, General Studies	3.78 GPA
• Honors College Edsel Ford Scholarship Recipient, Honors Graduate	

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.	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