

Education

- **M.S. Computer Science** | University of Texas | Austin, Texas. **January 2025 - May 2026**
GPA: 3.97
- **B.S. Computer Science & Engineering** | The Ohio State University | Columbus, Ohio. **August 2019 - December 2023**
GPA: 3.85, Mathematics Minor, AI Specialization, Dean's List

Relevant Coursework: *Deep Learning, Advances in Deep Learning, Machine Learning, Advances in Deep Generative Models, Natural Language Processing, Parallel Systems, Advanced Operating Systems, Android Programming*

Skills

- Languages: Python, Java, Kotlin, Swift, C/C++, JavaScript/TypeScript, HTML/CSS, SQL
- Tools & Frameworks: Git, Docker, React, Next.js, FastAPI, SwiftUI, Linux, REST APIs, Android SDK
- Data & Deployment: Firebase, AWS, PostgreSQL, PostGIS, Railway, Vercel
- ML/AI: PyTorch, TensorFlow, HuggingFace, NumPy, Pandas, Scikit-learn, Jupyter

Work Experience

AI Data Specialist

June 2024 - Present

DataAnnotation | Remote | Contract/Part-Time

- Designed adversarial prompts (Python, Java, JavaScript) that expose LLM code/logic errors to improve training data
- Wrote reference solutions and completed rubric-based evals of model output, feeding failures into RLHF pipelines

Software Engineer

May 2023 - April 2024

Trimble Inc. | Dayton, Ohio | Internship

- Resolved a critical bug in Firebase user engagement tracking, reducing inflated metrics by 78.9%
- Updated OEM attachment naming in Earthworks GO, modifying both data storage and UI across Swift and Android
- Developed a Python feature to automate license generation, streamlining the App Store compliance process
- Optimized translation process by removing over 3,000 redundant lines, cutting translation costs by 49%

Software Engineer

June 2022 - August 2022

General Motors | Warren, Michigan | Internship

- Built a C test suite for an embedded display unit and rearview camera, validating video integrity and latency
- Diagnosed camera glitches by injecting simulated temperature readings to test the firmware's overheating response

Projects

Austin Custom Home Build Platform (remishi.com)

May 2026 - Present

- Co-founded platform that helps homeowners find lots, understand build constraints, and assemble a project team
- Architected full-stack app (Next.js, FastAPI) with PostgreSQL/PostGIS, and deployed via Railway/Vercel
- Built agent pipeline with role-scoped tool access for automated software development workflows
- Designed agents to convert acceptance criteria to frozen tests and gate compliance changes behind human approval

Per-Patient HbA1c Prediction Model and Prediabetes Screener

March 2026 - Present

- Served model end-to-end to SwiftUI iOS app via FastAPI REST endpoint, taking five self-reportable features as input
- Trained XGBoost regression on NHANES 2021-2023 to predict continuous HbA1c, achieving tolerance of 0.39%
- Reframed as a binary noninvasive screener for prediabetes (HbA1c ≥ 5.7), achieving 0.76 holdout ROC AUC
- Applied SHAP attribution to identify influential biomarkers per patient; top features aligned w/ established literature

ELECTRA QA Model

November 2025 - December 2025

- Fine-tuned ELECTRA-small on SQuAD for extractive QA, then ran behavioral testing with CheckList across categories like negation, coreference, and temporal reasoning. Compared three fine-tuning strategies using LoRA adapters
- Generated adversarial examples from failed categories & AdvSQuAD, cutting CheckList failure rate from 62% to 43%