

Schon Huxley

Seattle, WA

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EDUCATION

Iowa State University

Ames, IA

Bachelor of Science, Software Engineering

Aug 2023 – May 2027

Activities: Phi Gamma Delta (Social Chair) • AI & ML Club • Robotics Club • Wrestling Club

Honors: Dean's List (Fall 2023)

WORK EXPERIENCE

Berkley Technology Services

Summer 2025 – Present

Site Reliability Engineer (SRE) Intern

- Designed and automated an end-to-end credential rotation system using PowerShell, SQL, and REST APIs across Active Directory, Delinea, and SolarWinds, securing **500+** accounts and achieving **100%** audit compliance.
- Built and deployed Ansible-based infrastructure automation and CI/CD pipelines, reducing manual administrative effort by **50%** and configuration drift by **80%** across production environments.
- Led a cross-functional troubleshooting effort with the **Regional Shared Services (RSS)** team to redesign monitoring dashboards, refining metrics and eliminating noisy alerts to restore **actionable, high-signal** system visibility for production teams.
- Built automated **SLO reporting pipelines** for the ACS pilot by integrating scheduled AppDynamics data exports with programmatic table refreshes, eliminating manual reporting workflows.
- Participated in PI Planning to review progress, dependencies, and risks; presented updates on behalf of the SRE team to strengthen cross-team delivery alignment and business context.

Freelance Web Developer

Spring 2025 - Present

N&M Landscaping LLC Website

- Designed and deployed a production-grade, responsive booking platform using TypeScript, React, and Supabase; supporting full CRUD workflows and increased client acquisition by **40%**.

DT Group LLC — Web Revamp & SEO Optimization

- Led a technical SEO cleanup. Re-architected site metadata, sitemap generation, and indexing configuration to eliminate crawl conflicts and stabilize search visibility across distributed business listings.

PROJECTS

Real-Time Sports Betting Prediction Engine | Project Lead | Python, LightGBM, Redis, DuckDB Fall 2025

- Built a real-time ML system predicting sports outcomes from live vendor odds and play-by-play event streams.
- Designed scalable, low-latency inference pipelines using Redis and DuckDB, achieving **sub-250ms** end-to-end latency under real-time workloads.

InsiderEdge — Insider Stock Trading ML Platform | Project Lead | C#, ML.NET, Azure Winter 2025

- Built a .NET-based ML platform combining LightGBM and time-series anomaly detection to identify insider-driven trading signals.
- Designed data ingestion pipelines for SEC filings, market prices, and sentiment data to support real-time feature generation and forecasting.

SKILLS

Languages & Frameworks: Python, C#, Java, TypeScript/JavaScript, React, Node/Next.js, ASP.NET Core, SQL, PowerShell, AI/ML: ML.NET, LightGBM, scikit-learn, PyTorch, Anomaly Detection, Feature Engineering, MLOps

Backend & Data Engineering: REST APIs, Redis, DuckDB, Kafka/Redpanda, FastAPI, Data Pipelines, PostgreSQL, Azure SQL

DevOps & Cloud Infrastructure: Azure App Service, Docker, Kubernetes, Ansible, Linux, CI/CD, GitHub Actions

Tools & Observability: Git, Prometheus, Grafana, AppDynamics, Datadog, SolarWinds