

Schon Huxley

Seattle, WA

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EDUCATION

Iowa State University

Bachelor of Science, Software Engineering

Ames, IA

Aug 2023 – May 2027

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

WORK EXPERIENCE

Berkley Technology Services

Summer 2025

Site Reliability Engineer (SRE) Intern

- Automated password rotation with PowerShell, SQL, and REST APIs across Active Directory, Delinea, and SolarWinds, securing **500+** accounts with **100%** compliance.

- Built and deployed Ansible playbooks and CI/CD pipelines to cut admin work by **50%** and configuration drift by **80%**, enabling consistent automation across teams.

- Analyzed performance metrics in AppDynamics and led cross-team troubleshooting, reducing alert noise by **40%** and improving MTTR by **20%**.

- Facilitated weekly stakeholder reviews with **10+** engineers and managers, doubling issue resolution speed.

Freelance Web Developer

Spring 2025

N&M Landscaping LLC Website

- Designed and deployed a responsive advertising and booking site that increased clientele by **40%**.

- Implemented a React TypeScript front-end with a Supabase (PostgreSQL) backend, featuring authentication, CRUD, and admin dashboards.

PROJECTS

Real-Time Sports Betting Prediction Engine | Lead Engineer | Python, LightGBM, Redis, DuckDB

Fall 2025

- Built a real-time ML system predicting sports outcomes from vendor odds and play-by-play streams.

- Engineered scalable, low-latency ML pipelines achieving sub-**250ms** inference latency.

- Developed backtesting and hyperparameter tuning workflows to validate and optimize model accuracy.

InsiderEdge – Insider Stock Trading ML Platform | Lead Engineer | C#, ML.NET, Azure

Winter 2025

- Developed .NET-based ML pipelines combining LightGBM and time-series anomaly detection to flag insider-driven trading signals.

- Ingested SEC filings, price, and sentiment data for feature generation and real-time forecasting.

- Automated model retraining and inference through Azure-hosted services for continuous deployment.

SKILLS

Languages & Frameworks: Python, C#, Java, TypeScript/JavaScript, Node/Next.js, React, ASP.NET Core, Flutter, SQL, PowerShell, HTML/CSS

Machine Learning & Modeling: ML.NET, LightGBM, XGBoost, scikit-learn, PyTorch, SSA, PCA, Anomaly Detection, Feature Engineering, Predictive Modeling, MLOps

Backend & Data Engineering: REST API Development, Entity Framework Core, Redis, DuckDB, Kafka/Redpanda, FastAPI, Parquet, Data Ingestion Pipelines, SQLite, Azure SQL, PostgreSQL

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

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

CERTIFICATIONS & AWARDS

SRE: Foundations Certification — DevOps Institute

Fall 2025

Dean's List

Fall 2023