

Schon Huxley

Seattle, WA

630-962-1295 | schon.huxley@gmail.com | github.com/schonhux | linkedin.com/in/schonhux | schonhuxley.com

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

Lenovo

May 2026 – July 2026

Incoming Reliability & DevOps Intern — Qira AI Platform

- Incoming intern on Lenovo's Qira AI Platform team, focused on reliability engineering, DevOps automation, observability, and operational support for cross-device AI systems.

Berkley Technology Services

May 2025 – April 2026

Site Reliability Engineer Intern

- Designed an SRE-style reliability framework for a legacy multi-tenant insurance platform across **5+ environments and 25+ service dependencies**, translating critical workflows into measurable SLIs.
- Mapped application flows to Tier-0 infrastructure including Kong, IBM Liberty, Db2, and ACE, enabling dependency-aware monitoring and faster production triage.
- Redesigned AppDynamics monitoring for a critical ACS platform, partnering with RSS teams to reduce alert noise by **70%+** and refocus alerting on meaningful failure signals.
- Built infrastructure automation and CI/CD workflows with Ansible, reducing manual operational effort by **50%** and configuration drift by **80%**.
- Engineered secure credential rotation automation integrating Active Directory and Delinea, managing **500+ service accounts** with **100% audit compliance**.

Freelance Web Developer

March 2025 – Present

N&M Landscaping LLC Website

- Built and deployed a production booking platform using TypeScript, React, and Supabase with full CRUD workflows, increasing client acquisition by **40%**.

DT Group LLC — Web Revamp & SEO Optimization

- Led a technical SEO cleanup by reworking metadata, sitemaps, and indexing configuration to resolve crawl conflicts and stabilize distributed search visibility.

PROJECTS

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

Fall 2025

- Led development of a low-latency real-time system ingesting live betting odds and play-by-play streams to generate predictive signals under **sub-250ms latency** constraints.
- Designed scalable inference and data pipelines using Redis and DuckDB, enabling high-throughput processing and efficient caching under continuous event streams.

InsiderEdge — Insider Trading Detection | Project Lead | C#, .NET, Azure

Winter 2025

- Developed a distributed .NET platform using LightGBM and time-series anomaly detection to identify suspicious insider trading patterns across financial data streams.
- Built backend ingestion pipelines for SEC filings and market data, enabling near real-time feature generation and forecasting for high-volume processing.

SKILLS

Languages: Python, Go, C/C++, C#, .NET, Java, TypeScript, JavaScript, SQL, PowerShell

Systems & Backend: REST APIs, Redis, DuckDB, FastAPI, Distributed Pipelines, Linux

Cloud & DevOps: AWS, Azure, Terraform, Docker, Kubernetes, Ansible, CI/CD, GitHub Actions

AI & ML: RAG-Systems, MCP, LightGBM, ML.NET, PyTorch, Scikit-learn, Feature Engineering

Databases: PostgreSQL, MongoDB, Firebase, Supabase

Observability & Tooling: Prometheus, Grafana, AppDynamics, Datadog, SolarWinds, Git, Jira, Confluence

Hardware: RISC-V Assembly, VHDL, Verilog, Digital Logic Design, QuestaSim/ModelSim