

IAN HARRISON

SECURITY ANALYST & DEVELOPER

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Security analyst and developer focused on information security and compliance — the rapid implementation, monitoring, and documentation of full-stack applications and programs. Experienced with HIPAA, ISO-27001, ISO-9001, PCI-DSS, CA Consumer Privacy Act, FDA-21, and GDPR. Continuing to build expertise through certifications in security and AI.

EXPERIENCE

Systems Analyst

June 2025 – Present

Sterling Seacrest Pritchard · Atlanta, GA

- Lead and assist security response for company security events, including phishing investigation and remediation.
- Own the management and security of all information in the company data lake, deployment of Cloud Run services, and integration with third-party applications.
- Head of AI integration — lead bi-weekly best-practice sessions for 100 users and serve in an advisory role for Executive Committee meetings.
- Advise on and implement modifications to the company website, ensuring compliance standards are maintained.
- Developed internal systems for company-wide budget calculation, information collection, and process automation.

Front-End Developer & Cyber Analyst

November 2023 – April 2024

Health Industries LLC (previously Shurburt LLC) · Birmingham, AL

- Authored documentation and testing procedures for security protocols and application security.
- Drafted and revised all company security policies, including those used by company counsel through development and production.
- Responsible for enforcement of policy and compliance standards applicable to the business.
- Front-end development of production code and dynamic AI feature development.
- Built with React / React Native, Java, Python, Node, and Flask, with extensive use of Linux.

TECHNICAL SKILLS

Google Cloud	Cloud Run / Functions, Cloud Storage, BigQuery, Scheduler, Monitoring
Amazon AWS	EC2, S3, CloudTrail, CloudWatch, GuardDuty, Polly, Transcribe
Security & IR	Phishing Response, Data Exfiltration, Stolen Device Response
Compliance	HIPAA, ISO-27001, ISO-9001, PCI-DSS, CA Consumer Privacy Act, FDA-21, GDPR
Languages	Python, Java, JavaScript, TypeScript, Rust, C++, Swift, Ruby, Ruby on Rails, React, React Native, SQL, HTML5, Power FX, Arduino, LegV8
Operating Systems	Kali, Custom Linux (built from kernel), Fedora, Arch, Ubuntu, Windows, macOS, Android (via ADB)
Microsoft	Defender, Entra, 365, Copilot, Teams, Excel, Word, PowerPoint, OneNote, OneDrive
Other	Database Management & Design, Geospatial Processing & Map Design, 3D Modeling, TinkerCad
Foreign Language	Spanish (elementary, 1 year), Chinese (2 years), Latin (2 years)

SELECTED PROJECTS

Automation Toolkit

Desktop automation hub for an insurance brokerage: a Tauri/Rust system-tray application with a React + TypeScript frontend, paired with a Manifest V3 Chrome extension bridged over a local WebSocket. Implemented Microsoft Entra sign-in using OAuth 2.0 with PKCE, storing tokens in the Windows Credential Manager rather than on disk. Shipped spreadsheet-driven form autofill, browser macro record and replay, embedded AI chat, and a self-updating release channel.

Stack: Rust · Tauri · React · TypeScript · Chrome MV3 · OAuth 2.0 PKCE · Microsoft Entra · WebSocket

Natural-Language Data Lake Access

A Model Context Protocol server deployed to Cloud Run that lets non-technical staff query the company data warehouse in plain English, translating questions into SQL against BigQuery. Designed so no credentials live on user machines — access is centralized through a dedicated service account, keeping it auditable and revocable. Paired with a second MCP server providing read-only infrastructure visibility.

Stack: BigQuery · Cloud Run · MCP · Python · Node.js · GCP IAM

Producer Budget Application

A company-wide annual revenue-budgeting application that replaced a spreadsheet process with a guided form and validated submissions. Built as a Power Apps canvas app on Dataverse, with Power Automate flows handling data hydration and submission processing. Live-calculated growth and projection metrics update as users type, with per-account completion tracking.

Stack: Power Apps · Dataverse · Power Automate · Power FX · BigQuery

Support Ticket Routing Analysis

Analyzed seven months of internal support tickets to determine how much of the triage queue could be automated. Derived deterministic routing rules mapping ticket category to the correct agent, and found a simple lookup covered the majority of tickets at high accuracy with no AI required. Recommended against adding an AI layer that would have increased cost and complexity for marginal gain, and surfaced unowned categories as a leadership decision.

Stack: Python · Data Analysis · Freshservice · Workflow Automation

EDUCATION

Samford University

May 2025

Birmingham, AL

Bachelor of Science, Computer Science — Cybersecurity Concentration, Minor in Psychology

Universidad de Málaga — Study Abroad

Summer 2022

Málaga, Spain

All coursework taught in Spanish while living with a native host family.

CERTIFICATIONS

- **CompTIA Security+** — Career ID: COMP001022536415
- **AWS Cloud Foundations** — Amazon AWS, Official Course
- **AWS Security** — Amazon AWS, Official Course