

JAYSON QUINDAO

SYSTEMS & RUST ENGINEER • APPLIED AI & CLOUD ARCHITECT

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Portfolio: jaysonquindao-com.pages.dev • GitHub: github.com/djjrip • LinkedIn: linkedin.com/in/jaysonquindao

PROFESSIONAL SUMMARY

Systems Software Engineer with deep expertise in **Rust**, real-time telemetry streaming, and Win32 OS-level memory inspection. Founder of GG Loop, authoring the open-source Rust telemetry SDK (anti-cheat-sdk) and high-throughput AWS Kinesis event pipelines. Proven enterprise track record at NCR Atleos in high-volume ATM settlement operations. Based in Dallas-Fort Worth with immediate hybrid availability.

TECHNICAL COMPETENCIES

- **Languages & Systems:** Rust (Tokio, Cargo, RAII, FFI, Memory Safety, Concurrency), C/C++, TypeScript, Node.js, Python, SQL, Bash.
- **OS, Embedded & Streaming:** Win32 APIs (K32EnumProcesses, OpenProcess), Process Memory Scanning, AWS Kinesis, WebSockets (<50ms), POSIX, TCP/UDP.
- **Cloud Infrastructure:** AWS (App Runner, ECS Fargate, Lambda, RDS PostgreSQL), Docker, 45-Table PostgreSQL Schemas (Drizzle ORM), Stripe Connect.
- **DevOps & Security:** GitHub Actions CI/CD, Cargo Test / Bench (9/9 Unit Tests Passing), AES-256, HMAC-SHA256, SHA-256 Packet Signatures.

PROFESSIONAL EXPERIENCE

GG LOOP LLC — Founder & Chief Systems Architect

Nov 2023 – Present | Dallas, TX

Stack: Rust, Tokio, Cargo, Tauri, AWS (App Runner, Kinesis, RDS), TypeScript, Drizzle ORM, GitHub Actions (ggloop.io)

- **Open-Source Rust Telemetry SDK (github.com/djjrip/anti-cheat-sdk):** Architected a zero-overhead userspace telemetry SDK in Rust utilizing Win32 APIs (K32EnumProcesses, OpenProcess) for real-time process verification with zero memory leaks (9/9 cargo tests passing).
- **Native Desktop Client & Process Watchdog (Tauri / Rust):** Built a lightweight desktop client in Rust & Tauri (~5MB binary footprint), enforcing cryptographic HMAC-SHA256 telemetry packet signing to eliminate replay attack vectors.
- **High-Throughput Cloud Telemetry Ingestion:** Engineered real-time event streaming pipeline using AWS Kinesis Data Streams and WebSockets, ingesting concurrent system events with sub-50ms latency.

NCR ATLEOS — Finance Associate II — ATM Settlement Operations

Aug 2021 – Nov 2023 | Frisco, TX

Stack: ATM Network Settlement Systems, Fee Analysis, Cash Management, Ledger Reconciliation

- **National ATM Cash Settlement Operations:** Managed monthly cash settlement payouts, statements, and bank routing configurations across national ATM networks, ensuring zero-downtime cash settlement across financial institution partners.
- **Deposit Fee Structuring & Audit Reconciliation:** Audited high-volume daily transaction histories, structuring ATM deposit fee configurations and resolving balance sheet exceptions in collaboration with Senior IT Analysts.

MENTALIX, INC. — Data Specialist & Systems Pipeline Support

Sep 2022 – Sep 2023 | Plano, TX

Stack: Hardware Scanning Interfacing, Data Integrity Workflows, AES-256 Security Standards, CJIS Compliance

- **Biometric Data & Pipeline Support (Plano, TX):** Managed and structured high-security biometric hardware capture data, enforcing strict CJIS regulatory compliance and AES-256 encryption standards.

EDUCATION & COMPLIANCE

TARRANT COUNTY COLLEGE — Associate of Arts (AA) • Core STEM Curriculum

Fort Worth, TX

Advanced coursework in Physics, Computer Science, and Data Communications (UT Dallas & UT Arlington). U.S. Citizen • ITAR Compliant • Hybrid Ready.

PROFESSIONAL REFERENCES

Vanessa Arrington — IT Senior Analyst, NCR Atleos
Relationship: Former Senior Colleague / Systems Analyst
Email: vanessa.arrington1972@gmail.com • Phone: (214) 600-3376

Cleavia Mackey — Senior Settlement Analyst, Cleavia Consultant LLC
Relationship: Professional Colleague / Operations Analyst
Email: Cleaviaconsultantllc@gmail.com • Phone: (817) 881-4551
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