

Marcos A. Cruz Bazan

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PROFESSIONAL SUMMARY

Computer Science graduate (December 2026) with hands-on Salesforce CRM experience and a technical background in IT security, networking, and data systems. Self-directed builder who independently designs and develops security-focused products, and who bridges technical teams, recruiters, and administrators. Seeking a technology sales role supporting IT management and cybersecurity solutions for MSPs and IT organizations.

EDUCATION

Florida International University | Miami, FL
Bachelor of Science in Computer Science

Expected December 2026

Miami Dade College | Miami, FL

December 2023

Associate of Arts in Computer Science. Presidential Scholars Scholarship Recipient; Phi Theta Kappa Honor Society Member

EXPERIENCE

Florida International University | Miami, FL

October 2024 – Present

Student Office Associate, Scanning Operations – COB Graduate Enrollment

- Execute daily Salesforce CRM requests submitted by program recruiters, keeping student records accurate and up to date (CRM hygiene).
- Proactively follow up on open requests across recruiters, technical operations, and academic administrators, resolving issues to keep enrollment processes moving.
- Track the application lifecycle, including test score record matching, program metrics, term transitions, and operational reporting.
- Prioritize multiple deadline-driven tasks in a fast-paced office while maintaining compliance with privacy regulations.

TECHNICAL PROJECTS

TruthScore – Access-Risk Scoring & Explainable AI Platform | TypeScript, Node.js, Hono, Flutter, Python, FastAPI, Azure SQL, Scikit-Learn

- Co-designed a 0-100 access-risk scoring engine (device trust, location, access hour, behavioral baselines) and decision workflow that returns Allow, MFA, Review, or Block with plain-English explanations for non-technical users.
- Developed the full product: API, Flutter client, Azure SQL data layer, and two ML models (Random Forest, Isolation Forest); added audit trails, multi-tenant scoping, emergency lockdown, OpenTelemetry tracing, and CI/CD.

EntropyShield – Real-Time Data Leak Prevention Gateway | Python, FastAPI, WebSockets

- Engineered a security gateway that inspects outbound payloads and applies ALLOW, MASK, or BLOCK decisions to prevent leakage of sensitive data such as API keys, SSNs, and card numbers.
- Improved gateway performance with a live monitoring dashboard built on a queue and WebSocket event stream, so slow clients never block traffic.

StockFW – Intelligent Warehouse Operating System | FastAPI, PostgreSQL, Flutter, Docker Compose, GitHub Actions

- Architected a containerized full-stack warehouse platform and process design, including OAuth2/JWT security, scheduled PostgreSQL backups, CI/CD, and an ACID-compliant inventory ledger.
- Integrated EOQ replenishment with an Isolation Forest model that flags abnormal inventory movement for shrinkage and theft review.

Socket FTP Protocol Client | Python, Raw BSD Sockets, TCP/IP, RFC 959

- Implemented an RFC 959 FTP client over raw TCP sockets, handling control handshakes, binary transfers, and dynamic PASV port decoding.

SKILLS

CRM & Business: Salesforce CRM, Data Accuracy & Reporting, Technical Communication, Cross-Team Collaboration, Time Management

IT & Security: Zero-Trust IAM, Data Leak Prevention, Backup & Recovery, Linux, Docker, Networking (TCP/IP), OpenTelemetry

Programming & Data: Python, TypeScript, JavaScript, SQL / T-SQL, C++, Dart, Swift, Java, C; FastAPI, Flutter, Node.js, Scikit-Learn; PostgreSQL, Azure SQL, SQLite

CERTIFICATIONS

- App Development with Swift – Apple (Issued: May 2024)