MARQUIS BUCKLEY

Secrete Clearance | Marquisebuckley@gmail.com | (832) 820-3667 | LinkedIn/marquisbuckley | github.com/Mbuckely

Education

Texas Southern University   Houston, TX
B.S. in Computer Science GPA 3.8/4.0.   May,2026
President's List (2024 - 2025)

Technical Skills

- **Languages:** C++, Javascript , TypeScript, SQL, HTML, CSS,
- **Frameworks & Libraries:** Django, Bootstrap
- **Tools & Platforms:** VS Code, Docker, GitHub, Netlify, Jira, Miro
- **Databases:** MySQL, Supabase

Experience

Sedgwick   **U.S. Virgin Islands**
Insurance Adjuster   *December 2022 – May 2023*

- Managed 20–30 active claims weekly, including auto, workers' compensation, commercial property, and liability cases.
- Performed full-cycle claim investigations, including data collection, evidence validation, policy analysis, and compliance checks to ensure accurate determination of loss and liability.
- Improved workflow efficiency by reducing claim cycle time by 15% through optimized documentation processes, automated follow-ups, and enhanced data organization across internal systems.

U.S Navy   **Corpus Christi**
Quality Control Analysts   *February2015 – February 2023*

- Led quality control oversight for a 50-member aviation fuel operations unit, enforcing technical standards, safety protocols, and procedural accuracy during at-sea flight operations.
- Executed daily system inspections, audits, and compliance checks, maintaining 100% accurate operational and safety logs aligned with DoD and Naval Airworthiness requirements.
- Performed routine and non-routine analyses on operational materials and fuel samples, comparing results against established specifications, control limits, and quality standards to determine product readiness and safety compliance.

Projects

Salon803 | Full-Stack Business Website | Salon803.com
Role: Full-Stack Web Developer

- Built a fast, mobile-first website using HTML, TypeScript, and Vite with a clean and modern user interface.
- Implemented SEO enhancements including structured data, Open Graph tags, and dynamic metadata, contributing to 106 pageviews, a 57-second average session duration, and a 56% bounce rate during early analytics.
- Integrated Supabase configuration, tap-to-call / tap-to-navigate deep links, and responsive UI architecture optimized for a primarily mobile audience (74% of users).
- Implemented a transactional workflow using Google Apps Script, sending automated confirmation emails to applicants and instant notifications to the business owner.

Machina | Enterprise Network Deployment
Role: Network Administrator

- Designed and implemented a multi-router OSPF architecture with dual-path failover, point-to-point transit links, and optimized routing costs, ensuring seamless internal communication and automatic resilience to link failures.
- Developed and deployed structured LAN subnets, gateway configurations, and switch uplinks for six organizational divisions, enabling efficient broadcast containment, reliable routing, and scalable future network expansion.
- Engineered a secure perimeter by integrating an internal core router, external WAN edge router, and firewall into a layered architecture that enforced traffic inspection, segmentation, and controlled access between trusted internal networks and external systems.
- Configured, tested, and validated redundancy across primary and secondary WAN links, ensuring continuous inter-departmental connectivity and maintaining high network availability during link outages or maintenance events.

Customer Invoice Database (SQL Project)

- Designed and built a fully relational SQL database linking customers, invoices, line-items, products, and vendors, ensuring optimized data integrity through primary keys, foreign keys, and a normalized schema (as shown in the ER diagram on page 1).
- Developed SQL structures to manage invoice creation, product tracking, vendor sourcing, and customer account balances, enabling reliable reporting across multiple interconnected tables such as CUSTOMER, INVOICE, LINE, PRODUCT, and VENDOR.
- Implemented a scalable invoice-line system allowing each invoice to contain multiple products with unit counts and pricing, supporting accurate billing, inventory insights, and efficient data retrieval for analytics.