JAMES NGUYEN

Austin, Texas 78660

📞 737-333-9548 ✉ dangkhoan1108@gmail.com 🔗 linkedin.com/in/khoadangng/ ⚫ github.com/Jaime1108

Education

University of Texas at San Antonio   **January 2024 – January 2026**
Bachelor of Science in Computer Science, GPA: 4.0/4.0   *San Antonio, Texas*

Relevant Coursework

- Database System
- Software Engineering
- Algorithms Analysis
- User Interface
- Operating System
- Systems Programming
- Cybersecurity Principles

Projects

Cybersecurity Assessment – Mock Audit | *NIST Framework, Risk Management*   **December 2024**
- Led a comprehensive cybersecurity assessment for a simulated R&D company specializing in EV charging technology, applying the NIST Cybersecurity Framework (Identify, Protect, Detect, Respond, Recover).
- Conducted security audits on network infrastructure, physical security, remote access policies, and data handling, identifying 7+ critical vulnerabilities and proposing mitigation strategies.
- Analyzed shared server risks, weak access control policies, and VPN security gaps, recommending Multi-Factor Authentication (MFA) and Mobile Device Management (MDM) for improved security.
- Performed hardware and software risk evaluations, identifying unregulated software installations on company workstations and developing policy recommendations to enforce security standards.
- Compiled a 20+ page executive report detailing risk assessments and security improvement plans, mirroring real-world cybersecurity consulting practices.

Morse & Cipher - Translation and Encryption Tool | *Python, AES Encryption, PHP, JavaScript*   **March 2025**
- Engineered a web application that converts text to Morse code and supports secure encryption/decryption using AES algorithms.
- Built a responsive front-end using HTML/CSS and JavaScript, enabling real-time Morse code translation and encryption interactions for enhanced user experience.
- Enhanced data security by integrating AES encryption in Python, ensuring confidentiality and integrity of user messages for secure communication.
- Integrated PHP for back-end processing and AJAX for dynamic content updates between the front-end and back-end.

Medusa Gym - E-commerce website | *PHP, MySQL, JavaScript HTML, CSS*   **December 2024**
- Developed a dynamic full-stack e-commerce platform, integrating a MySQL database with PHP and JavaScript for robust product management, cart functionality, and order processing.
- Implemented secure user authentication and session management, enabling safe user registration, login, and admin access for managing products and transactions.
- Built interactive front-end features using HTML, CSS, and JavaScript, including adaptable tables, sortable product listings, and real-time cart updates to enhance user experience.
- Designed and managed a normalized relational database schema, ensuring efficient storage and retrieval of user, product, and transaction data, following best practices for scalability.
- Integrated AJAX-based asynchronous requests, allowing smooth admin operations like product editing, deletion, and addition without full-page reloads, improving responsiveness.
- Leveraged Scaled Agile methodologies, working in iterative sprints to deliver modular functionalities like order management, discount code application, and secure checkout systems.

Experience

Amazon, Inc   **February 2024 – January 2025**
Logistic Associate   *Austin, Texas*
- ∗ Troubleshot and resolved inventory system discrepancies, ensuring 100% accuracy in tracking warehouse assets.
- ∗ Conducted quality assurance inspections on 200+ items daily, identifying and resolving 100 % of defects.
- ∗ Collaborated with cross-functional teams to streamline packaging and shipping processes, enhancing workflow efficiency.
- ∗ Demonstrated strong time management skills by consistently processing 260+ units per hour, maintaining operational efficiency while ensuring on-time shipments.

Technical Skills

Languages: Python, Java, JavaScript, C/C++, C#, HTML/CSS, PHP, SQL
Cybersecurity Models & Frameworks: NIST Cybersecurity Framework, MITRE ATT&CK, Risk Management, Incident Response
Technologies/Frameworks: Linux, GitHub, VPN, Encryption Algorithms