Binh Nguyen

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https://binhnguyen63.github.io/binh-nguyen-portfolio/

https://www.linkedin.com/in/binh-nguyen-244608196/ | https://github.com/binhnguyen63

Education

University of Houston, BS in Computer Science   September 2022 – Present
- **Coursework:** Cyber Security, Software design, Operating System

Certification

CompTIA, Security+   March 2025 – Present
- **Coursework:** General Security Concepts, Threats, Vulnerabilities, Mitigations, Security Architecture, Security Program Management Oversight

Projects

User Management Website   Link to Github Repository
- Utilized Microsoft Graph API
- Implemented Microsoft Graph API for authentication and the Administrator performs CRUD actions on each user. Different access levels are assigned..
- Tools Used: Python, JavaScript, HTML, CSS, PostgreSQL, Flask.

Relational Database design   Link to Github Repository
- Curated a database design for a restaurant chain that required 10 interrelated tables. The project included managing user-submitted data
- Structured 10 interrelated tables to enforce 3NF and BCNF
- Created SQL scripts for constraints, foreign keys, and data integrity checks.
- Tools Used: PostgreSQL, nodejs

Web3 Project - Ethereum Wallet Tracking   Link to Github Repository
- Track user's ETH wallets and send new activities to discord channel.
- Provide clear description of the transaction in the discord message
- Tools Used: nodejs, discord API, etherscan API

ChatGPT Discord Bot   Link to Github Repository
- Utilized chatGPT API
- Improved user interaction with AI through contextual responses
- Tools Used: Python, chatGPT API, discord API

Skills

Programming Languages: Python, Java, C++, JavaScript
Web Development: HTML, CSS, React.js, Node.js
Databases: MySQL, PostgreSQL, MongoDB
Tools: Git, Docker, Visual Studio Code
Operating Systems: Windows, macOS
Others: React, Agile Development