

# Binh Nguyen

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## Education

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

## Certification

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

## Projects

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**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

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**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