Christopher Michael Gonzalez

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Education

New York City College Technology   **Expected Fall 2025**

- B-Tech Computer Systems Degree

Year Up United   **September 2023-July 2024**

- Software Development Certificate: Full Stack Development

Borough of Manhattan Community College   **September 2019-Graduated June 2022**

- A.A.S Computer Information Systems Degree

Experience

Fiserv- Berkley Heights NJ   **January 2024-July 2024**

- Customer Service Intern: Collaborated with IT technicians to resolve complex customer issues, using Teams and other applications to ensure efficient communication and problem-solving.
- Adapted and addressed an average of 40 user experience issues for unemployed and disabled individuals, delivering personalized solutions that improved accessibility and user satisfaction.

Projects

Google Coursera Capstone (SQL, Tableau, Excel, Google Cloud**)**

- Developed a sports analytics dashboard using Google Cloud SQL, Tableau, and Excel to visualize player statistics and enable data-driven decision-making.
- Automated data extraction and transformation processes using Excel macros and SQL queries to ensure real-time data updates and maintain data accuracy for insightful visualizations

NBA Chatbot (Python, APIs, JSON**)**

- Developed a Python-based NBA chatbot that interacts with users by fetching real-time player stats from external APIs and processing JSON data.
- Enhanced chatbot accuracy through robust error handling and user input validation techniques.

Java Script Portfolio (HTML, CSS, JS**)**

- Designed and deployed a responsive web application, significantly improving user engagement and experience
- Integrated multiple dynamic features, demonstrating expertise in front-end frameworks and modern web development practices.

MS VENOM (Python, Msfvenom, Unix**)**

- Developed and demonstrated payload creation using msfvenom for penetration testing, including bundling multiple payloads such as message boxes and audio alerts.
- Developed encrypted payloads using advanced obfuscation techniques, improving evasion and showcasing an understanding of ethical hacking methodologies.

Password Encryption Tool (Java, Swing, Maven**)**

- Developed a Java-based GUI application that encrypts and decrypts passwords using multiple encryption algorithms (AES, DES, RSA) with a focus on security and usability.
- Implemented secure file-saving for encrypted passwords and utilized Maven for build automation.

CERTIFICATIONS

Google Coursera Data Analytics | Google Coursera BI | Year Up Software Development Certificate | Year Up CIS 301 Software Testing | Year Up CIS 101 Computer Applications | CodePath Cybersecurity – In Progress

Skills

DevProgramming: HTML | CSS | JavaScript | React.js | Node.js | PHP | Python | Java | R | SQL | Access | Oracle |
ToolsPlatforms: Excel | Power BI | Tableau | Google Sheets | Git | APIs | Docker | Encryption | Hashing |Steg hide |CyberChef | Linux/Unix | VS Code