

MIDYAN ELGHAZALI

13542 228th street, Queens, NY | midyanelghazali2003@gmail.com | 646-505-7787 LinkedIn:
<https://www.linkedin.com/in/midyan-elghazali-901b06247/> Github: <https://github.com/Midyan3>

EDUCATION

Hunter College, Manhattan, NY | Majoring in Computer Science, Minor in Mathematics | 08/2021 - Present

- GPA: 3.5
- Dean's List: Achieved a Grade Point Average of 3.5 or higher during the Fall 2021 - Spring 2023 semesters.
- Relevant Courses: Intro to Computer Science, Software Analysis and Design 1, Calculus 1 and 2, Discrete Mathematics, Statistics, Pre-Calculus, Linear Algebra

Information technology at William E Grady CTE High School

EXPERIENCE

IT Intern | IT Universum

Remote | 05/2020 - 07/2021

- In my role as an IT Intern, I functioned as a key support asset, providing extensive assistance in the effective use of an array of Microsoft Office tools such as Word, PowerPoint, Excel, and Outlook. I adeptly handled user troubleshooting, imparting training on features and functionalities, and coordinated with team members to generate user-friendly documentation and training materials. I took on the responsibility to confirm that all software was up-to-date, maintaining compatibility with the organization's IT infrastructure to ensure seamless and efficient workflows. Beyond software, I expanded my technical skills to hardware, where I was instrumental in repairing and maintaining computer systems and printers. This broadened my understanding of IT infrastructure and enabled me to provide comprehensive solutions, ensuring the continuity of operations and reducing downtime.

IT Intern | Mood Labs inc

Remote | 06/2020 - 08/2020

- I had the opportunity to work with a startup on a Discord bot project. I provided technical services to the team by utilizing my programming skills to create and implement innovative features. Additionally, I collaborated with the team to brainstorm ideas and develop strategies to optimize the bot's functionality and enhance user experience. Through this experience, I gained valuable knowledge in software development and project management, and I am confident that I can contribute my skills and expertise to similar projects in the future.

Coding | America on tech Bootcampat google

New York ,New York | 01/2021 - 06/2021

- I gained valuable experience in website development by learning all the essential components of creating a website, including the backend. I utilized programming languages such as HTML, CSS, and JavaScript to develop responsive and user-friendly web pages that effectively communicated the organization's message and brand. Furthermore, I worked collaboratively with the team to ensure that the website was optimized for search engines and provided seamless user experiences. This experience provided me with a strong foundation in website development, and I am confident in my ability to contribute my skills to creating dynamic and engaging websites for organizations.

CERTIFICATIONS

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|---------------------------------------|---|---|
| • IC3 - Computing Fundamentals | • CompTIA IT Fundamentals (ITF+) Certification | • MTA: Windows Operating System Fundamentals - Certified 2020 |
| • CompTIA A+ 1001 certification | • MTA: Security Fundamentals - Certified 2021 | • IC3 - Living Online |
| • C-Tech copper cabling certification | • MTA: Networking Fundamentals - Certified 2021 | • IC3 - Key Applications |
| • C-Tech Fiber optic certification | | |

Verify certifications on credly - <https://www.credly.com/users/midyan-elghazali>

SKILLS

Technical Proficiency: Proficient in C++, Python, HTML, CSS, and JavaScript. Demonstrated ability to apply these skills in various projects, including the development of a Discord bot and a small database system.

IT Support & Troubleshooting: Comprehensive knowledge of IT support and troubleshooting, backed by practical experience as an IT intern and certifications such as CompTIA A+ and IT Fundamentals.

Hardware Repair: Specialized in Mac and Windows computer repair. Certified in C-Tech copper cabling and fiber optic cabling, demonstrating a strong understanding of hardware components and repair techniques.

PROJECTS

Binary Search Tree in C++: Implemented a binary search tree data structure from scratch. Involved creating, inserting, and deleting nodes, as well as traversing the tree in different orders.

Stack Implementation without using Stack library in C++: Developed a stack data structure using C++. The project involved implementing core stack operations such as push, pop, and peek.

Linked List Implementation in C++: Created a singly linked list data structure in C++. The project included implementing functions to insert, delete, and search for nodes in the list.

Abstract Data Type (ADT) in C++: Implemented an ADT in C++, demonstrating understanding of encapsulation and data hiding.

Small Database System in C++: Developed a small database system that allows users to create, read, update, and delete records. The system uses a simple file for storage.

Sudoku Solver in C++: Created a Sudoku solver that uses backtracking to fill in all the empty cells in a Sudoku puzzle.

Discord Bot using Node.js and Discord.js: Developed a Discord bot that can respond to user commands and perform various tasks, such as playing music, sending messages, and kicking users from a server.

Discord Bot using Discord.JS and API: Developed an engaging Discord bot using Discord.JS and APIs. The bot features a "Russian Roulette" game, a unique banking and tax system, and a dice roll gambling game. Users earn points based on activity, which they can invest in a simulated stock market linked to real-time Apple stock prices. The bot also plays music and sends email notifications when others join the voice chat. This project showcased my technical skills in JavaScript and API integration, and my creativity in designing user-centric features.