Michael Dickenson

1121 Maiden Choice Lane, Baltimore, MD 21229 | 240-222-2057 | MDicken1@umbc.edu | English & Hebrew

Education

University of Maryland Baltimore County (UMBC) | August 2021 – present
- Major: Computer Science
- GPA: 3.663 / 4.00
  - Technical Skills: C++, C, Python, Java, Assembly, Scheme, Perl
- Course Projects
  - Tigers Conservation App (C++): Implemented an AVL tree in which each node contained a unique ID number and other information, and utilized rotations during insertions and deletions to balance the tree and maintain its efficiency
  - Recruiting App (C++): Implemented a hash table with quadratic probing for collision handling, enabling fast retrieval of stored search results and incremental rehashing to reduce overall running time and prevent stalling
  - Menu-Driven Encryption Project (Assembly & C): Developed a menu-driven program for Caesar encryption and frequency analysis decryption, featuring string manipulation, dynamic memory allocation, and error handling.

Experience

Lambda Chi Alpha
- ***President | December 2023 - Present***
  - Serve as the "CEO" and leader of the UMBC chapter in organizing and managing fraternity operations, membership, financing, social activities, and community service
  - Work with the national organization, UMBC administration, and chapter officers to advance our mission to inspire and equip men to lead an ethical life of growth, service, and leadership
- ***External Vice President | December 2022 - December 2023***
  - Propose, organize, and execute philanthropic events to help people in disadvantaged communities
  - Manage the fraternity's public image through graphic design and promotion of events

Summer Computer Camp Instructor | iD Tech | June - August 2023
- Delivered engaging and interactive tech courses to students ranging from 6 to 17 years old
- Empowered students with coding foundations and fostered their development in computer science

Summer Day Camp Counselor | Camp Olympia | 2019 - 2022
- Led engaging activities, taught swimming, and provided lifeguarding services
- Help children adjust to being outdoors and around others after extended isolation during COVID-19

Acrobatic gymnastics; Trampoline & Tumbling Gymnastics | 2013 - 2019
- Member of U.S. Acrobatic Gymnastics International Development Team
- Won many national gold, silver, and bronze medals

Additional Experience
- Creator Program Partner | Epic Games | 2019 – Present
- Graphic Designer | Freelance | 2019 – 2021
- EC-Council's Certified Encryption Specialist course
- Attend Camp Trident, a military-style overnight camp, Summer 2019