Zaid O. Narmouq

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EDUCATION

University of Maryland, College Park MD   Fall 2021 - Present
B.S., Computer Engineering,   **GPA: 3.305**
Cybersecurity Specialization

Howard Community College, MD   Fall 2019 – Spring 2021
A.S.E., Computer Engineering   **GPA: 3.656**

SKILLS

Languages: English, Arabic, Circassian
Software: C++, Java, MATLAB, Python, Xilinx Vivado, Pspice, Arduino, Microsoft Office, AutoCAD
Diligent Waveforms, GitHub, SQL
Hardware: Soldering, Oscilloscope, Artix-7(FPGA)

TECHNICAL EXPERINCE

Linked Lists   Spring 2022
Object Oriented Programing - Java
- o   Implemented basic and sorted singly linked lists which relies on a head and a tail.
- o   Efficiency was the main priority as unnecessary list traversals were avoided.
- o   Used JUnit testing to test each method to confirm the functionality of the code.

Interest Table   Spring 2022
Object Oriented Programing - Java
- o   Project was designed and implemented by using the Model-View-Control paradigm.
- o   Utilized Java Fx and GUI to create a user-friendly interest calculator that can calculate compound and simple interests.
- o   Inner classes and lambda expressions were associated with the GUI to handle computations.

Digital Circuits and Systems Lab   Spring 2022
Xilinx Vivado
- o   Designed, implemented, and simulated 3 types of 4-bit multipliers (combinational, array, booth)
- o   Designed a display module that would allow me to program my circuit onto a Basys3 FPGA board.
- o   Used pmod ports to connect the FPGA to a digital logic analyzer to investigate the propagation delay between inputs and outputs in each multiplier.

Media Rental Manager   Fall 2021
Object Oriented Programing - Java
- o   Designed, implemented, and tested inheritance-based database capable of storing media rental and customer information.
- o   Implemented secure methods free of privacy leaks.

WORK EXPERENCE

Clark's Ace Hardware,   Ellicott City, MD   August 2021 - Current
- o   Mastered different divisions priorities and stocking format to ensure customer ease
- o   Conducting technical diagnostic assessments on hardware tools and equipment