

**Amen Lemiesa**  
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University of Michigan - College of Engineering - Freshman

## **EXPERIENCE**

2023 - 2024                      University of Maryland Intern at the Dynamic Effects Laboratory under William L. Fourney

## **EDUCATION**

Unweighted/Weighted GPA: 3.95/4.87

2020 - Present      MBHS Science, Mathematics, Computer Science Magnet Program

2017 - 2020      TPMS Math, Science, and Computer Science Magnet Program

## **RELEVANT COURSEWORK and SKILLS**

Sciences:              Magnet Genetics, Magnet Quantum Physics, Magnet Thermodynamics, Magnet Biology, Magnet Chemistry, Magnet Physics, Magnet Earth/Space Systems Science, Magnet Foundations of Immunology,  
Mathematics:          Magnet Analysis 2 (Multivariable Calculus, Differential Equations), Magnet Analysis 1 (Calculus), Magnet Statistics  
Comp. Sci:             Magnet Computer Graphics, Magnet Analysis of Algorithms, Magnet Algorithms and Data Structures  
Engineering:          Magnet Foundations of Technology, Magnet Research and Experimentation, Magnet Robotics,

## **COMPUTER SKILLS**

Languages:          Java, HTML/CSS/Javascript, Python  
Applications:        Office Suite (Word, Powerpoint, Excel), Autodesk Inventor, Blender

## **ACTIVITIES**

2023 - 2024              Silver Chips Graphics Editor  
2023 - 2024              Silver Chips Senior Staff Writer  
2022 - 2023              Silver Chips Staff Writer  
2022                      RCM of Washington Patient Health Data Aid  
2021                      Steel City Codes - Chapter Head  
2020                      Steel City Codes - Python tutor  
2018 - Present          Tennis team/training  
2022 - Present          MoCo Color Magnet President  
2016 - Present          Recreational Piano

## **AWARDS**

2024                      University of Michigan Samuel L. Chappel Alumni Association Scholarship  
2024                      University of Michigan Engineering Scholarship of Honor  
2024                      University of Michigan LEAD Scholar  
2024                      Washington Junior Academy of Sciences Certificate of Achievement  
2023                      Toshiba ExploraVision Competition - Honorable Mention