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| **Preston Harrell**  **47156 Northumberland Street, Novi MI 48374 · (248) 766-4670 · harrel49@msu.edu**  I am looking to gain work experience through a software engineering or other computer science-related position with a focus on low-level hardware and/or machine learning. |

# Experience

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| May 2022 – August 2022Software Engineering intern, Garmin Work in Python writing automated tests for in-car infotainment system. Using a Git repository, performing code reviews, and writing code for use of other divisions. Required to have an understanding of the infotainment hardware and interface with it at a low level. |
| September 2019 – May 2022Professorial Research Assistant, Michigan State University Worked with computational chemistry methods to simulate chemical interactions. Developed a more accurate quantum computational approach to predicting enthalpy of formation of PFAS molecules. |
| May 2021 – August 2021IT Cooperative Assistant, Consumers Energy Simplified and automated many complex company workflows, netting significant company time savings. Gained general business skills like communicating effectively in a business setting and pitching and presenting solutions to a customer. |

# Education

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| August 2019 - PresentBACHELOR OF SCIENCE in Computer science, Michigan state Univeristy Pursuing a Bachelor of Science in computer science and a minor in German at Michigan State University. A part of the MSU Honors College with a current cumulative GPA of 3.95 after the first semester of senior year. Recipient of MSU Honors College STATE scholarship. |
| June 2019High school diploma, Novi high school Graduated from Novi High school Summa Cum Laude with an unweighted GPA of 3.98. |

# Skills

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| * Experience with Java, Python, C and C++ * Experience with Linux and Bash | * Experience building apps in Android Studio * Can build, service, and operate 3d printers |

# Activities

I enjoy running, swimming and being active in my free time. I take an interest in any electronics project that I can find and love to learn everything that I can about computers and electronics. I am most proud of my DIY electric longboard, DIY Bluetooth/Airplay speaker and Raspberry Pi-powered Gameboy.