

Neil Ghugare

Education

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| 08-2022 to Present | <i>The Ohio State University</i> <ul style="list-style-type: none">• B.S. in Physics (Expected completion 05-2026)• Planned German and Honors Math Minor• Most notable club memberships include AI Club and the Society of Physics Students |
| 08-2018 to 05-2022 | <i>Olentangy Liberty High School</i> <ul style="list-style-type: none">• Cumulative GPA of 4.311 (weighted) / 3.978 (unweighted)• College Credit Plus Program tied to Columbus State Community College• AP Scholar with Distinction; Dean's List at Columbus State |

Experience

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| 01-2023 to Present | <i>The Ohio State University Undergraduate Researcher</i> <ul style="list-style-type: none">• Undergraduate research assistant working under Dr. Lau and PhD Student Jiaying Wang in Condensed Matter Research |
| 08-2022 to Present | <i>AI Club Member</i> <ul style="list-style-type: none">• Worked in projects including K-Neighbors Regression AI, Recurrent Neural Networks, and Deep Neural Networks• Worked in Python with supporting package from Scikit-Learn, TensorFlow, and other AI frameworks• Portfolio hosted on Github |

Honors & Awards

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| 12-2022 | <i>OSU Dean's List</i> <ul style="list-style-type: none">• Received a GPA of at least 3.5 while pursuing at least 12 credit hours of coursework |
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Certifications

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| 04-2023 | <i>Wolfram Mathematica Level 1 Certification</i> <ul style="list-style-type: none">• Demonstrate Proficiency in the Wolfram Mathematica Software |
| 04-2023 | <i>Wolfram Language Level 1 Certification</i> <ul style="list-style-type: none">• Demonstrate Proficiency in the Wolfram Language |

07-2022

PCEP Certified Entry-Level Python Programmer

- OpenEDG Python Institute | ID: w5Aq.PwDt.ArRc

Skills

- Programming in Python, Java, C++, and MATLAB. Can also program in C and Fortran, along with other languages. Familiarity with frameworks including Git, Gradle, Maven, and more. Learning Mathematica
- Intermediate Level German (CEFR Level A2-B2); Understands Marathi
- LaTeX knowledge