

# Aneesh Dasgupta

+1 317 319 1903

[adasgupta@college.harvard.edu](mailto:adasgupta@college.harvard.edu)  
[ox7ae3.github.io](https://ox7ae3.github.io)

I am interested in understanding the intricacies of existing software and architecting new software that is resilient to the errors of the past.

## AREAS OF INTEREST

- Dev Tooling
- Systems Programming
- Mathematical Logic

SKILLS: Python, C++, HTML, CSS, Javascript, Svelte, Git, Vim, Linux, LaTeX

## Education

2022-2026	<b>HARVARD UNIVERSITY</b> <i>Cambridge, MA</i> BS in Mathematics and Computer Science Activities: Systems Reading Group, Quantum Computing Society, Chess Club
2018-2022	<b>CARMEL HIGH SCHOOL</b> <i>Carmel, IN</i> Distinguished Graduate Activities: Science Bowl, Math Club, Tennis, Band

## Awards

2020 - 2022	<b>USA MATHEMATICAL OLYMPIAD QUALIFIER</b> Received an index of 240.5/300; top 0.5% of AMC 12 participants
2020	<b>USA COMPUTING OLYMPIAD PLATINUM DIVISION QUALIFIER</b> Highest division of algorithmic programming competition; top 400 / - 3000 competitors
2019 - 2020	<b>GOOGLE CODE JAM QUALIFIER</b> Algorithmic competition mainly aimed at college students and professionals
2020 - 2021	<b>USA PHYSICS OLYMPIAD QUALIFIER</b> Top 400 out of 3000 test takers on the F=MA Exam, a Newtonian Mechanics exam
2021	<b>NATIONAL SCIENCE BOWL 5TH PLACE</b> Co-captained school team to 5th place at Nationals and 1st place at Regionals from 2020-2022

## Publications

2023	<b>Symmetries of the Three-Gap Theorem</b> Mathematics research paper; published in The American Mathematical Monthly <a href="https://doi.org/10.1080/00029890.2022.2158021">doi.org/10.1080/00029890.2022.2158021</a>
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