

HARSHIT KONDLE

hkondle@gmail.com | Bridgewater, New Jersey | Intended Major: Computer Science

EDUCATION

- Bridgewater-Raritan High School — Class of 2027
- GPA: 4.79/4.0 (Weighted) | SAT: 1600 | PSAT/NMSQT: 1520
 - Relevant Coursework: Honors Biology, Honors Precalculus, Honors Chemistry, Computer Science II, AP Computer Science A (5), AP Calculus BC (5), AP Physics I (5), AP Chemistry(5), AP US History(5), Data Structures and Algorithms (Advanced Topics in Computer Science, Rutgers Course 112 curriculum)
 - Ongoing Coursework: AP Physics C, Advanced Mathematics: Topics In Engineering(Linear Algebra), AP Biology, AP Statistics
- Harvard CS50x — Introduction to Computer Science [Dec 2025]
- Johns Hopkins Center for Talented Youth — High School Competitive Math Course I

RESEARCH AND PUBLICATIONS

- Co-First Author, "Seeing at the Edge: Energy Characterization of Vision-Language Model Inference on Edge Platforms" [September 2026]
 - To be presented at the **IEEE High Performance Computing Conference in Luoyang, China(graduate and professional-level conference)**[October 2026]
 - <https://arxiv.org/abs/2610.20136>
- Co-First Author, "VisAble: Part-to-Whole Diagram Descriptions for Blind and Low-Vision Learners" [September 2026]
 - Presented at the **MIT Undergraduate Research Technology Conference** [October 2026]
 - To be published by IEEE Xplore(Institute of Electrical and Electronics Engineers)
 - https://drive.google.com/file/d/1E_oBJzoCT75efdGoDj72TlqRI23MMB9C/view
- First Author, "Leveraging the Table of Contents to Improve Efficiency in a RAG-Powered Chatbot" [October 2025]
 - Presented at the **MIT Undergraduate Research Technology Conference** [October 2025]
 - Published by IEEE Xplore (Institute of Electrical and Electronics Engineers) and the George Mason University Journal of Student Research [August 2025]
 - <https://ieeexplore.ieee.org/document/11533144>

PROJECTS

- **Small-business Discovery App** - Built an app where users have new small businesses recommended to them based on their previously expressed preferences. Included features like reviews, all business info, maps, etc. Implemented with Elysia, SQL, and Bun.[2026]
- **Cybersecurity Website** - Built a website leveraging AI to expose vulnerabilities and improve cybersecurity at an enterprise level for small businesses. Implemented with Python, HTML, CSS, and React. [2026]
- **Subscription-Tracker Website** - Worked on approaching coding from a product-oriented point of view. implemented with Python, SQL, HTML, CSS. [2024]
- <https://github.com/hakon13>

HONORS / AWARDS

STEM & Academic:

- **USA Computing Olympiad — Gold Division, 933/1000[2026]**
- **USA Computing Olympiad — Silver Division, Perfect Scorer[2026]**
- **USA Computing Olympiad — Bronze Division, Perfect Scorer [2025]**
- American Computer Science League — Perfect Scorer, **Silver Medalist** [2026]
- Future Business Leaders of America — 2nd, Regionals, Introduction to Information Technology [2025]
- Future Business Leaders of America — 5th, Regionals (all high school students), Computer Applications [2025]
- AwesomeMath Summer Program — Attendee, prestigious competitive math camp focused on Geometry and Combinatorics [Summer 2024]
- National Latin Exam Perfect Scorer - 1% out of 93,159 students
- Seal of Biliteracy in Latin[2026]

Science Competitions:

- Physics Bowl — 2nd Place, Region 04 [2025]
- National Science Bowl — 3rd of 30+ teams, Regional Tournament [2025]
- New Jersey Science League — 13th Statewide, Biology I Exam [2024]

Speech & Debate:

- Princeton Classic Debate Tournament — Octafinalist (Top 16 of 80) [2025]
- NJ District Tournament — Quarterfinalist [2025]
- **NJ State Tournament** — Quarterfinalist [2025]
- Multiple Top 6 Awards, Local Debate Tournaments [2023-Present]
- **Future Business Leaders of America — 3rd Statewide, Impromptu Speaking** [2025]

KEY EXTRACURRICULARS

- Research Intern, Dr. Zonghua Gu, Hofstra University [April 2026 - August 2026]
 - **Currently researching AI assistance for blind students**
- Research Intern, Dr. Mihai Boicu, George Mason University [June 2025 - September 2025]
 - Consulted with Lt. Col. John McKee of Air Force CyberWorx on project direction
 - Completed as part of **Aspiring Summer Scientists Internship Program at George Mason University(ASSIP)**, 10% acceptance rate
- **Massachusetts Institute of Technology Beaver Works Summer Institute Program(BWSI) CogWorks** - learning about multimodal AI and built a capstone project, 4.9% acceptance rate [June 2026 - September 2026]
- **Software Engineering Intern at ANVIM Tech Inc.,[May 2025 - Present]** - developed and maintaining website
- Lincoln-Douglas Debater [9th, 10th, 11th, 12th]
 - **Earned 469 National Speech and Debate Association points over three years**
 - State Quarterfinalist [2025]
- Competitive Programming [9th, 10th, 11th, 12th]
 - American Computer Science League and USA Computing Olympiad
- Math Competitions [9th, 10th]
 - Scored 97.5 on the 2024 **AMC 10**

- Programming [9th, 10th, 11th, 12th]
 - Proficient in Python and Java, with experience in React, Flask, C, SQL, and web development
- Symphony Orchestra [9th, 10th, 11th, 12th]
 - Violinist for school's select ensemble
 - Violin II Section Leader [2024]

LEADERSHIP & VOLUNTEER ACTIVITIES

- **Lead Mentor, Public Speaking & Youth Leadership Class, HTCS Temple [March 2022]–Present**
 - Led weekly two-hour sessions across biannual 10-week semesters for **100+ students** over four years, raised \$15K.
- **Captain, Lincoln-Douglas Debate Club [June 2025 - Present]**
 - Oversee 20 debaters, teaching foundational skills and mentoring their progression to advanced competition
- **Lead Organizer, 2026 Bridgewater-Raritan High School Hackathon [September 2025 - Present]**
- Events and Logistics Team Member, 2025 Solaris Online Hackathon [September 2024 - January 2025]
 - Supported a 125+ participant event with an international attendee base
- Events and Logistics Head, 2025 Bridgewater-Raritan High School Hackathon [September 2024 - September 2025]
 - Managed logistics for an event drawing 100+ attendees focused on STEM education for middle and high schoolers
- **Director of Business Relations, APEERS [April 2025 - June 2026]**
 - Coordinate interns delivering digital services to 10–15 local businesses
- Secretary, C.O.D.E. Club [September 2025 - Present]
 - Co-host monthly educational meetings for 25+ students interested in computer science
- Coding Instructor, **Regional Director, and Summer Camp Lead**, Steel City Codes (Central New Jersey Region) [June 2025]
 - Logged 100+ hours; directed instruction for a group of 30 kids as Camp Lead
- Summer Camp Counselor, Hindu Temple and Cultural Society [June 2024]
 - Completed 78 hours of service