

Haripranav Shanmugam Baraneedharan

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EDUCATION

University of South Carolina, Columbia, SC— *B.S.E. Computer Engineering*

AUGUST 2025 - MAY 2029 | GPA: 4.0

- Honors College, Carolina Scholar, National Merit Scholar
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EXPERIENCE

Engineers Without Borders, Columbia, SC— *USC Chapter Member*

AUGUST 2025 - PRESENT

- Support community-focused engineering projects to improve local infrastructure, including roof, bridge, and accessibility ramp repairs.
- Collaborate with teams to assess needs, develop solutions, and ensure safe, sustainable outcomes.. .

Catawba Ridge High School Engineering Club, Fort Mill, SC— *Founder and Co-President*

AUGUST 2024 - MAY 2025

- Founded and led a club with 40+ members.
- Organized multiple teams in 5 unique engineering competitions (national/statewide/local scales).
- Participated in weekly meetings across various competitions and promoted collaboration between group members.

Beyond Borders Book— *Writer*

AUGUST 2024 - SEPTEMBER 2024

- Collaborated with 50 international authors virtually, including 15 doctors, to publish a book simplifying various physics and philosophical topics for children.
 - Created a section covering speed, velocity, and acceleration.
 - Sold over 100 copies and made over \$450 in profit used to buy calculators for underprivileged children
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SKILLS

Coding Languages: Python, JavaScript, Java

Languages: English (Native), Tamil (Native)

Other: Microsoft Teams, Slack