

# Pradyunn Kale

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High school graduate with hands-on engineering experience, 8 APs, and Harvard coursework in CS and math, looking to apply technical and problem-solving skills.

## EXPERIENCE

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### STEAM Exploration Program, Cambridge, MA - Intern

July 2024 – August 2024

- Explored science, technology, engineering, arts, and math fields like architecture, biotech, and construction
- Engaged in networking with professionals at 10-11 local companies
- Built communication and teamwork skills through fun activities

## EDUCATION

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### Cambridge Rindge & Latin School, Cambridge, USA

September 2023 – June 2025

#### Grade 11-12

- Relevant Coursework: Multivariable Calculus, AP Physics C: Mechanics & Electricity and Magnetism, AP Statistics, AP Computer Science A, AP Chemistry, Hands on Programming with Arduinos (Engineering)
- Relevant Projects: Programmed an interface which securely keeps phones in cubbies using a stepper motor, keypad and LCD; Built and programmed a car controlled by radio waves; a PID control system to balance a ball.
- Cumulative GPA: 97.03%

### Harvard Extension School, Cambridge, USA

September 2024 – May 2025

#### Grade 12

- Relevant Coursework: MATH-21B: Linear Algebra, Differential Equations (Grade: B), CSCI E-7: Introduction to Computer Science with Python (Grade: A)

### Woodlands Secondary School, Mississauga, CA

September 2021 – June 2023

#### Grade 9-10 - Enhanced (E) Learning Program

- Relevant Coursework: Principles of Mathematics (E), Science (E), Computer Science 10 & 11 (two courses), Technological Design, and Visual Arts Computer.
- Relevant Projects: Designed 3D infrastructures in the Inventor software at different scales and created Fireboy and Watergirl (video game) using JavaScript.
- Cumulative GPA: 92.70%

## SKILLS

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- Computer: Arduino programming using C++, Python, Java, JavaScript, Photoshop, SolidWorks, AutoCAD, Fusion360, Inventor, Davinci Resolve, Microsoft Office, Github, VS Code, Linux, HTML, CSS, React
- Languages: English (native speaker), French (proficient)

## EXTRACURRICULARS

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### Cambridge Rindge & Latin School and The Woodlands Secondary School

September 2021 – June 2025

- Varsity Wrestler: Wrestled five competitions in the 152 lbs category.
- Youth Wrestling Coach: Developed personalized training and coached wrestlers aged 5-12.
- Student Trainee: Received construction industry education under the Building Bright Futures program.
- Youth Soccer Referee: Worked at Soccer Nights as a referee for first and second graders.
- Varsity Football Player: Played as a Running Back and Linebacker
- Chess Player: Won multiple games of chess at the Peel District level.
- Robotics Team Member: Built a wheeled base to mount a robot and competed in the First Robotics competition.

## HOBBIES

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- Aerospace, Computer Science, Electronics, Engineering, Mathematics, Physics