

# Pradyun Bachu

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## EDUCATION

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**University of Wisconsin-Madison** | Madison, WI

**May 2028**

*Bachelor of Science: Computer Science, Economics with Mathematics Emphasis*

- **Activities:** Wisconsin Autonomous, Federal Reserve Challenge Club, Indian American Student Association

**Peddie School** | Hightstown, NJ

**May 2024**

*High School Diploma*

- **Activities/Honors:** Peddie Robotics, Peddie CS Club, Peddie Young Entrepreneurs Club, PeddieHacks, Peddie Environmental & Sustainability, Peddie Orchestra, AP Scholar

## EXPERIENCE & LEADERSHIP

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**United Nations** | New York, NY

**May 2025 – Present**

Research Intern | UN DESA: Development Research Branch

- Conducted research under Dr. Rashmi Banga, focused on issues of climate finance in middle-income countries
- Analyzed UN General Assembly Report [A/78/224] and UN climate finance data for the development of MICs
- Worked on providing AI models to predict different effects of solutions to specific countries' issues

**PeddieHacks** | Hightstown, NJ

**September 2020 – Present**

Event Day Judge, Logistics Team Leader, Finance and Marketing Team

- Co-led a team of 35+ Peddie students for PeddieHacks, a 48-hour online hackathon hosted by the Peddie School
- In charge of connecting with 12+ judges, 3+ workshop speakers, and 15+ sponsors
- 2024: Participated in the panel of judges for the event. Pre-screened and live-judged 30+ projects
- 2023: 183,678 USD in prizes, 279 participants, 2022: 132,383 USD in prizes, 204 participants, 2021: 50,000 USD in prizes, 342 participants

**FRC 5895, Peddie Robotics** | Hightstown, NJ

**September 2021 – May 2024**

Senior Engineer and Scout

- Used CAD and CAM software (Autodesk Inventor, Onshape, vCarve Pro) to design and machine an FRC robot
- Mentored underclassmen in both engineering/design as well as scouting match data
- FIRST World Championship Milstein Division Winner (2023), FIRST World Championship Hopper Division Finalist (2024), FIRST World Championship Roebling Division Quality Award (2022), 3x FIRST Mid-Atlantic Championship Winner, 6x FIRST Mid-Atlantic District Event Winner

**Peddie Environmental and Marine Club** | Hightstown, NJ

**September 2021 – May 2024**

Co-leader and Co-founder

- Led a team of 50+ members to educate the entire school population about the environment and sustainability
- Presented at PEST school events and created various environmental-themed competitions for the student body; sent out weekly newsletters
- Led a team of 20+ members to collect water and run multiple tests monthly to send out to the NJ Watershed Institute
- Collected samples from Peddie Lake, ran tests for Turbidity, Salinity, Phosphates, Nitrates, Dissolved Oxygens, and Temperature, and then submitted results

## SKILLS & INTERESTS

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**Technical:** Java (Proficient), Python (Proficient), Google Suite (Proficient), Microsoft Office (Proficient)

**Other:** Logistics Management, Finance, Marketing, Outreach, Leadership

**Languages:** English (Fluent), Spanish (Intermediate), Telugu (Intermediate)

**Interests:** Hiking, Basketball, Soccer