

Ishaan Puri

PRESS & PROOF

ishaanpuri23.com
linkedin.com/in/ishaanpuri2008
github.com/puriishaan
puri46388@sas.edu.sg

A single index of independent, third-party recognition for my work — primarily **SensAir** (clear-air-turbulence detection) and **Plant An Idea** (low-cost agri-tech for rural India). Where a public record exists, each item links to its **primary source**. Items marked “on file” are backed by official certificates, letters, or filings available on request.

01 Awards & Competitions

Pete Conrad Scholar — 2024–25 Conrad Challenge (Aerospace & Aviation)

CONRAD FOUNDATION · SPACE CENTER HOUSTON (NASA JOHNSON SPACE CENTER) · 2025

Top honour in the Aerospace & Aviation category for **SensAir** (with Anvay Mathur; coach Christine Nguyen) — selected from 4,700+ teams worldwide, and the first team from Singapore to win the top Pete Conrad Scholar award.

➤ conrad.spacecenter.org/2025-winners ➤ spacecenter.org/conrad-scholars-at-the-2025-conrad-challenge

BIEA International STEM Challenge 2025 — Chairman's Award

BRITISH INTERNATIONAL EDUCATION ASSOCIATION (BIEA) · 2025

Awarded to **Plant An Idea** (Singapore American School) on the official BIEA STEM Competition award list.

➤ bieacompetition.org.uk/2025-biea-stem-competition-award-list ➤ [certificate verification](#)

ReverieHacks — Datathon, 1st Place

REVERIEHACKS (VIA DEVPOST) · AUG 2025

First place in the datathon track (team “Super Micro”).

➤ devpost.com/software/super-micro

Singapore Physics Olympiad (38th SPhO, 2025) — Gold Medal

INSTITUTE OF PHYSICS SINGAPORE · MINISTRY OF EDUCATION · 2025

Gold medal; selected for the Singapore Physics Olympiad Training (SPOT) national team. (Individual Olympiad results are not published per-name.)

MOE certificate on file

Tan Kah Kee Young Inventors' Award (TKKYIA) 2025 — Commendation Award

TAN KAH KEE FOUNDATION · 2025

Recognised in the TKKYIA 2025 cycle for the SensAir / seed-planter inventions.

➤ singaporetkkf.com.sg — TKKYIA 2025 programme booklet

AP Scholar with Distinction (2025)

THE COLLEGE BOARD · 2025

Earned across ten AP examinations, all scored 5.

College Board score report on file

02 Patent & IP

Provisional patent application — SensAir clear-air-turbulence sensor

INTELLECTUAL PROPERTY OFFICE OF SINGAPORE (IPOS) · FILED 26 MAY 2025

Application No. **10202501369R** — inventors Ishaan Puri & Anvay Mathur (filed via Allen & Gledhill LLP). Covers a pulsed-laser / Doppler-LIDAR method for detecting clear-air turbulence.

Filing documentation on file

03 Presentations

UN / FAO World Food Forum 2024 — Systems Change Summit

UN FOOD & AGRICULTURE ORGANIZATION (FAO) · WORLD FOOD FORUM · OCT 2024

Youth presenter for **Plant An Idea**, sharing the seed-planter project with a global audience.

➤ systemschangesummit.org/wff

04 Research & Advisors

Multi-Layered Cherenkov Detector — Beamline for Schools (CERN)

CERN · BEAMLINER FOR SCHOOLS · 2024-25

Proposal shortlisted; team "CherenKopi Crew" received CERN participation certificates. Advisor: Mr. Mir Faruk.

➤ beamline-for-schools.web.cern.ch

CERN certificate on file

Research Intern — Modular Robotics Lab (GRASP), University of Pennsylvania

PENN GRASP LAB · PI PROF. EDWARD STEAGER · 2025

Worked on *Piccolissimo*, the world's smallest controllable drone (29 mm) — frame design, MATLAB flight-dynamics simulation, and regression modelling.

➤ modlabupenn.org ➤ grasp.upenn.edu

Research Intern — Centre for Quantum Technologies (CQT), NUS

CQT, NATIONAL UNIVERSITY OF SINGAPORE · PROF. MANAS MUKHERJEE · 2024-25

Trapped-ion research; designed an ion-trap mount and built a custom magnetometer for magnet testing.

➤ quantumlah.org

05 Grants & Support

Market study — Wisconsin Innovation Service Center (WISC), UW-Whitewater

UNIVERSITY OF WISCONSIN-WHITEWATER · 2025

A comprehensive market study for SensAir, awarded as part of the 2025 Conrad Challenge prize.

Award correspondence on file

1517 Fund (Medici micro-grant) & Ingenuity Venture Fund

1517 FUND · INGENUITY VC · 2025

Early grant funding and venture mentorship for SensAir.

➤ sensair.net

Penn / Wharton Management & Technology Summer Institute (M&TSI) 2026 — Admitted

UNIVERSITY OF PENNSYLVANIA · THE WHARTON SCHOOL · 2026

Admitted to Penn's selective M&TSI program.

Admission on file

06 Press & Features

"Eagles Make History: SAS Students Secure Singapore's First-Ever Win at NASA's Conrad Challenge"

SINGAPORE AMERICAN SCHOOL — JOURNEYS · JAN 2026

Official school feature on the Conrad Challenge win and SensAir.

➤ sas.edu.sg — [SAS students win the Conrad Challenge](#)

Singapore American School — feature post

@SAMERICANSCHOOL (INSTAGRAM) · 2025

School social feature on the Conrad win.

➤ instagram.com/samericanschool