

Shresht Bhowmick

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Education

Greenwood High International School

IB DIPLOMA IN MATH AA, PHYSICS, DESIGN TECHNOLOGY, ENGLISH, FRENCH, AND BUSINESS MANAGEMENT

GPA: 42 out of 45

Bangalore, India

2014 – 2024

Experience

Tetraslam's World Media

FOUNDER, CEO

- Managed web and graphic design projects for 50+ clients.
- Started solo, reaching \$6.5k monthly recurring revenue in 2 years.
- Donated \$15k to the Nikshi Foundation to buy books, tables, and blackboards for underprivileged children.

Bangalore, India

June 2020 – Present

Samantar Labs

SOFTWARE ENGINEERING INTERN

- Researched development frameworks for unintrusive advertising in virtual exhibitions for corporate events.
- Saved \$2500 per month in cloud costs by optimizing SDK usage.

Bangalore, India

June 2022 – December 2022

Greenwood High Coding Club

PRESIDENT

- Recruited and taught 20 new members the basics of full-stack development.
- Organized showcase of members' projects, attracted over 300 visitors.

Bangalore, India

August 2021 – Present

RoboCup

TEAM CAPTAIN

- Led team to 1st place in Nationals, represented India in the Bordeaux International Round.
- Recruited 15 students to join the team.
- Designed, built, and programmed 4 robots using Arduino and Raspberry Pi.

Bordeaux, France

December 2022 – July 2023

Skills

Music:

Piano Diploma, teaching 4 students currently

Scuba Diving:

PADI-certified up to 12m, participated in coral restoration programs in the Andaman & Nicobar islands.

Programming Languages: Python (proficient), HTMX (proficient), Rust, C, Go, Tailwind, Firebase

Worldbuilding: Storytelling, linguistics (conlanging), cultural development, physics simulations, writing fiction

Physics: Thermodynamics, relativistic mechanics, string theory, quantum electrodynamics

Economics: Quantitative financial analysis, algorithmic trading, high-frequency trading

Awards

December
2022

Best Paper Award, Urdu sentiment analysis. Full paper available at <https://ceur-ws.org/Vol-3395/T4-7.pdf>.

Forum for
Information
Retrieval Evaluation

January
2023

Finalist (top 25 out of 5209), Submitted app which detects non-textile parts on clothes for automated recycling. Now being used in Bangalore's recycling program.

Blue Ocean
Entrepreneurship

August
2023

1st Place, Led my team to a first-place finish in my annual school hackathon's 10-year anniversary.

Synthacks
Contest