Nila Palmo Ram

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https://github.com/nilaRam

EDUCATION

Mahindra United World College (MUWCI), Pune, India
International Baccalaureate Diploma Programme (2021-2023)

- UWC Mahindra's 25th-anniversary School Committee: led event coordination, alumni engagement, and outdoor education programs.
- Directed climate change and detective story plays; emceed 2022 graduation.
- Recruited rural Tamil Nadu students to UWC through Indian National Committee.

The Blue Mountains School, Ooty, India
High School (2017-2021)

- Editorial Board, *The Blueprint*: wrote, edited, designed.
- Service initiatives: taught English to NGO workers, led peace workshops.
- Bharatanatyam dancer (since age 6) and classical pianist.

EXPERIENCE

Hack Club (Burlington, VT)
Engineering Assistant to COO (July 2023 - July 2024)

- Mentored 82 girls, organized 9 events, and introduced coding to 350+ participants.
- Secured $25K donation from SpaceX's Gwynne Shotwell and funding from Musk & Gates Foundations.
- Designed and soldered 50 PCBs; developed a resource access bot.
- Hosted hackathons, networking events, and workshops with 28,000+ global participants.

Founder, Brain-Computer Interface (BCI) Startup, Monolith
(November 2023 - Present)

- Developed EEG-powered video games and visualized EEG data through a custom dashboard.
- Secured $5K in grants from the 1517 Thiel Foundation, Hack Club, and more.

Founder, Girls in Tech Online Community
(November 2020 - Present)

- Created a global Discord community for 1,300+ girls, promoting mentorship and collaboration in tech.
- Recognized and promoted by Girls Who Code for impactful initiatives.

SKILLS

- **Technical Skills:** Web Development (HTML, CSS, JavaScript, Next, Vercel, etc.), Python, Swift, PCB Design, 3D Printing, Robotics, Graphic Design (Figma, Adobe Illustrator), Machine Learning & AI, GitHub/project management, CAD, ESP 32, EEG Signal Processing, AI Safety Research, Raspberry Pi and Pico, Spark AR

- **Other Skills:** Teaching, Event Organization, Public Speaking, Leadership, Project Management, Mentorship, Networking, Theater Direction, Bharatnatyam Classical Dance, Writing (scientific, creative)

- **Languages:** English (native), Tamil (native), Bengali (native), Hindi & Spanish (working proficiency)

AWARDS & HONORS

- United World College Scholarship (USD 38,000) – Full merit-based scholarship for academic excellence and global citizenship.

CURRENT PROJECTS

Project Aruni (MUWCI, India)

- Revived post-pandemic initiative to train underprivileged women in entrepreneurship and financial literacy.

Computers For All (MUWCI, India)

- Spearheaded digital literacy for girls in rural Paud, established a computer center, and empowered youth through technology.