



NEERAJ NAGARAJ

E-mail: neerajnagaraj112@gmail.com

LinkedIn: <https://www.linkedin.com/in/neeraj-n/>

A creative and environmentally aware Robotics enthusiast who dreams to delve deep into Software & Robotics Engineering to create a positive impact on the environment.

Hold a **provisional patent in India & US** for an invention titled '**A method & apparatus for treating plastics using Robotics**' Chompix®, Jan 2022. Have filed for the full patent.

www.chompix.in | neerajn@chompix.in

IB

Indus International School Bangalore

EDUCATION:

[2022-2024]: IB
Indus International School Bangalore
Karnataka, India

Activities & Societies:

Sustainability projects, Community Kitchen, Football, Research, Swimming, Model United Nations

[2018 to 2022]
The Cathedral Vidya School, Lonavala (Residential)
Maharashtra, India

Activities & Societies:

Robotics & Tech Club (Founder), TED Club, Chess Club, Model United Nations, Theatre, Football team, Vocalist of Musical Choir, Swimming, Plays, Dance performances, Debating, School Science fairs

[2012 to 2017]
The Valley School (KFI), Bangalore
Karnataka, India

Activities & Societies:

Organic Farming, Hindustani Music Vocalist, Community Service, Plays & Dance Performances, School Science fairs

AWARDS:

- **Dynamic Leader**, Global Leadership Challenge 2023, Environment Category for Chompix, from Learn with Leaders
- **Distinction ranking**, Fermat Math contest 2023, CEMC, University of Waterloo
- **Outstanding Delegate**, Global MUN 2022, Harvard Student Agencies
- **Young Achiever's Award**, for Chompix, Innovation 2024, Indus International School
- **Most Creative Business Model** from Harvard University's Young Leaders in Innovation & Entrepreneurship program
- **Gold Medalist** as the School Topper in Science, Mathematics, Cyber & English Olympiads over 2018 to 2022

INVENTION: Chompix® <https://chompix.in/>

Have designed an easy-to-use device, Chompix®. It is a novel, compact, automatic and portable device having the size of a big dustbin. The design is based on 3 years of product & market research. It has undergone several iterations and improvisations post repeated and multiple feedback from cafes like Coffee Day, Starbucks & Barista. It has been designed to address the plastic recycling problem and helps to recycle the everyday used PET cups & bottles. This device can be used at restaurants, railway stations & other public places where a lot of plastic is consumed daily. Jagruth Tech Pvt Ltd, a waste management company in Mysore and Namma Mysore Foundation, an NGO working on environmental issues are interested to bring Chompix to the market.

VOLUNTEER EXPERIENCE:

[Jan 2020 to Jan 2021], **Changemakers of Kanakapura, Bangalore**
Cooked and distributed free meal packages to daily wage workers during the pandemic and lockdown.

NEERAJ NAGARAJ

E-mail: neerajnagaraj112@gmail.com

LICENSES & CERTIFICATIONS:

- Patent filed for Chompix- A Plastic Pre Recycler
- Research Paper Publication, IJERSTE, 2023
- Harvard Research Scholar
- Young Technology Scholar by Plaksha University, India
- New York Academy of Sciences
- Young Debater by Debate Mate, London
- Data Analysis, Visualization, ML, Python, Statistics by IBM & Cognitive class

SKILLS:

- AI & ML
- Python
- C & Java
- R Programming
- Arduino programming
- Electronics
- Autodesk fusion 360
- Debating
- Research

WORK EXPERIENCE:

Intern

[March 2020 till present]

15 hours per week, Build to Impact, Project Starfish America, an MIT Startup Exchange Org

Research and design of Chompix® applying real world solutions under the mentorship of its founder, Subhashish Acharya, an alumnus of Harvard University

Professional Home Chef

[Mar 2020 to Jan 2022]

5 hours per week, Sobha Hillview Apartments, Bangalore

During the pandemic and starting from the lockdown, took up professional cooking on a small scale from home, selling tasty snacks to neighbors. Took it to a larger scale with support and feedback from the customers, resulting in Indian regional theme based snacks; cooked and baked along with other neighbors

Math Tutor

[Mar 2020 to Jan 2022]

2 hours per week, Bangalore

Took online tuitions for 4th to 7th graders on Math in my neighborhood. To generate interest in the academic curriculum to students, used teaching aids like simulated board games. This was further used to teach mental Math skills, visual computations and improvement of logic and reasoning skills through strategy building

EXTRACURRICULARS:

- Harvard Student Agencies- Debating World Cup, Young Leaders in Innovation & Entrepreneurship program. Pitched business idea of 'Bio-degradable water dissolvable plastic technology'
- Business pitch of 'Sweed Water' at Young Tycoons Business Challenge 2022 and Clean Tech Competition 2022
<https://contest.techbriefs.com/2022/entries/sustainable-technologies-future-energy/11590>
- Business pitch of 'Research based consulting company' at ADL Appathon 2021 and Young Tycoons Business Challenge 2021
https://devpost.com/software/research-based-consulting-company?ref_content=user-portfolio&ref_feature=in_progress
- Hindustani Classical Music singing public performances over 4 years under 'Bageshri Sangeeth Vidyalay, Bangalore'
- Theatre performances at Rangashankara, Bangalore
- Achieved a top 4% score on the Mensa test, placing in the 96th percentile