Bhaswar Ghosh

Technologist

Being a perfectionist and having a creative and problem solving mind, I love to take up challenges that expand my knowledge and come up with innovative solutions in different domains.

bhaswarghosh26@gmail.com ✉

9385440656 📱

Puducherry, India 📍

linkedin.com/in/bhaswar-ghosh-031086238 in

EDUCATION

Higher Course: BSc in Mathematics & Physics
Sri Aurobindo International Centre of Education

12/2019 - 10/2022   *Puducherry, India*

Courses

- Mathematics
- English
- Critical Thinking
- Electronics
- Physics
- French
- Principles of Economics

Higher Secondary
Sri Aurobindo International Centre of Education

12/2017 - 10/2019   *Puducherry, India*

PROJECTS

Arduino Self Balancing Bot (08/2022 - 10/2022)
- A Arduino based robot made from scratch, that has the ability to balance on two wheels without the help of an external force applied to it.

Video Editor of Ripple: Bio-inspired Mosquito Control (06/2021 - 06/2021)
- **Video Editor** of a project created by Pranav Agarwal. Ripple is a floating device that drowns mosquito larvae in stagnant water instead of poisoning them with insecticides.

Arduino Voice Controlled Robot (01/2021 - 02/2021)
- An Arduino based robot built from scratch. Being connected via bluetooth with an android device having Google's voice recognition turned on, one can give simple commands and the robot would behave accordingly. For more details, please visit: https://www.instructables.com/Arduino-Voice-Controlled-Robot/

Artificial Intelligence in Gaming (12/2018 - 05/2019)
- A mandatory Higher Secondary Annual project given to the students to do thorough research and present a topic of their liking to the entire school.

Slaice - A slice of S.A.I.C.E (05/2018 - 10/2018)
- An annual magazine written, designed and published online by the students of S.A.I.C.E

Arduino Obstacle Avoiding Car (08/2017 - 08/2017)
- Given a week off from all classes, we were asked to work on any project that interested us and to present it. Having a passion behind building things, I built a small car that avoids colliding into obstacles on its own. Doing so, I learnt a lot about myself and improved on my weaknesses.

Arduino Smartphone Controlled Bluetooth Car (06/2017 - 08/2017)
- Built a small RC car made from scratch with the help of a microcontroller called an Arduino. The car is controlled with an android smartphone using a bluetooth receiver installed in the car. For more details, please visit: https://www.instructables.com/Arduino-Smartphone-Controlled-Bluetooth-Car/

SKILLS

Python | HTML | CSS | Arduino | Critical Thinking | Problem Solving | Data Structure | Graphics Design | Database | SQL | Git & Github

ORGANIZATIONS

Sri Aurobindo Ashram Grace Office (06/2020 - 08/2020)
Volunteer

S.A.I.C.E Annual Science Faire 2017 (07/2017 - 09/2017)
Team leader

S.A.I.C.E Arts Faire 2018 (03/2018 - 06/2018)
Panel member

CERTIFICATES

Programming for Everybody (Getting Started with Python) (05/2022 - Present)
Coursera course without an expiration date

Python Data Structures (07/2022 - Present)
Coursera course without an expiration date

Using Python to Access Web Data (12/2022 - Present)
Coursera course without an expiration date

LANGUAGES

English
Native or Bilingual Proficiency

French
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Making electronics projects | Reading books | Basketball | Drawing | Filming | Photography