

hello

_i'm Akash Savio Sen

Objective

To make technology friendly and moral.

Experience

[BotLab Dynamics Sep 2022 - Current](#)

Designation: Design Engineer

- Designing and Manufacturing Quadcopters.
- Working in a multidisciplinary team to integrate Software and Hardware stack in our Design.
- Creating test benches for analyzing different parts of a drone using microcontrollers and sensors.
- Prototyping using FDM and Resin 3D printing.
- Field work: part of the tech team for drone light shows.

Audio Engineer and Stage Tech

Covenant life Chappel, Grace and Glory Band

- Front of House and monitor engineer.
- Proficient using both Analog and Digital audio consoles.
- Familiarity with Digital sound editing.

University Projects

[Voodoo - 2022](#)

Making a motion mimicing radio controller for aeroplanes

- Learning and implimenting fly by wire systems
- Developing an axis feedback system for better user experience

[Light Meter - 2021](#)

Testing ways to save time and material while 3D printing.

- Replicating a product with off the shelf parts, at a lower cost.

Skills

- 3D Printing, CAD, Electronics Prototyping, Audio Engineering.
- Back-end: Arduino and microcontrollers, Service design.
- Front-end: Developing user interactions.

Education

Bachelor of Design - 2018-22

Delhi Technological University

Senior Secondary Education - 2017

St. Columbas School New Delhi

Personal Qualities and Hobbies

- I go to great effort to reduce overall energy expenditure.
- Football, Rock Climbing.
- Listening to my dad's collection of vinyl records.
- Photography.

Extracurricular

Delhi 42: University Quiz Club, President - 2021-22

Delhi 42: University Quiz Club, Freshers' Convener - 2020-21

Portfolio

aksavio.github.io/work.html

Contact

E-Mail: aksavio@gmail.com