



Gursehaj Singh Arora

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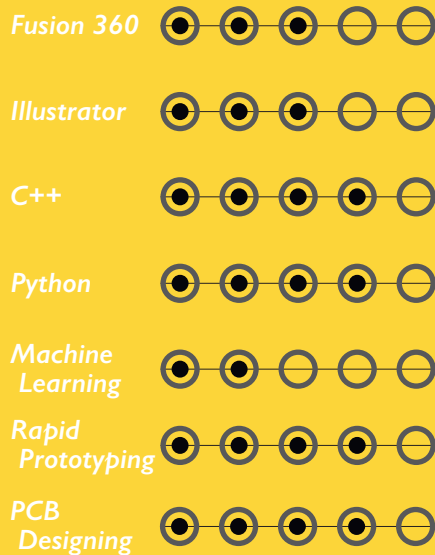
Learning to bridge the gap between Design and Technology

Education

MSc. Interaction Technology(7CGPA)
University of Twente | 2018 - Present

Electronics and Communication
Engineering(6.5CGPA) | 2013 - 2017
Guru Gobind Singh Indraprastha University

Skills



Interests

- Human Centred Designing
- Food
- RC Toys
- Art Installations
- Product Development
- Runner
- Programming
- Woodworking
- Technology
- Traveling
- Electronics
- Web Designing
- CAD
- Vlogging
- Brain Computer Interfacing
- Human Robot Interaction

Languages

- English
- Hindi
- Punjabi

EXPERIENCES

- Freelancing** -New Delhi, August 2016 - August 2018
 - Designing & prototyping smart pill dispenser for CareDose**
 Modelled cutting mechanism in CAD and 3D printed to electronically dispose packets of medicine for elderly people who forget to take medications on time.
 - Interactive phone display for Truknox**
 Developed an interactive system where you pick a phone and you see phones specifications along with a video on a screen.
 - Developed Kiosk tickiting system for HDFC**
 - Prototyped Smart Co-working table for Founders Cafe**
 Modelled and manufactured an asthetically pleasing wooden table accesible by biometrics which tracks your sit and stand time along with a tablet which can be used to take notes and save the session if you wish to change the table in a co-working environment.
 - Automating electric tractor(Patent Pending)**
- Intern**
 - Tessolve Semiconductor Pvt. Ltd.** -Bengaluru, July 2016 (1 month)
 Bench Characterisation and Testing
 - Makers Asylum** -New Delhi, June 2015 - July 2015
 Maker's space where I was appointed as resident maker whose job was to create interactive designs with art, technology, laser cutter and 3D printers in order to attract more makers and start a maker movement in New Delhi.

PROJECTS

- Redesigned Tinder** -UTwente, November 2019 - January 2019
 In a course called Human Centered Design me and my group found a dilemma among Tinder users about Authenticity vs Privacy and redesigned the app to curb this issue.
- Positio** -February 2017
 An embedded system which detects the posture of person sitting in chair and alerting him/her via phone notification if the posture has been same for a long time.
- RaaH** -2016
 Navigation system for visually impaired which uses google maps and a smart belt to navigate the persorn using haptic feedback.
- Surface** -2016
 This is system is for lazy people like me. You knock on table and get things done like ordering Uber, playing your favourite playlist or even controlling your home.

ACHIEVEMENTS

- Attended MHacks at U.Michigan among 1200 students from around the globe
- Secured 2nd Position at HackDTU Hackathon
- Organised TEDx event in bachelors college
- Secured 1st position in inter-college Basketball
- Secured 3rd Position at Clash Hacks 3.0 Hackathon