

Akshay Baweja

Electronics Engineer and Creative Technologist

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WORK EXPERIENCE

Research Assistant

Parsons School of Design

03/2020 – Present

New York, USA

Contact: Harpreet Sareen

Student Assistant

Making Center, Parsons School of Design

09/2019 – 12/2019

New York, USA

Making Center, a spacious studio bringing together creative tools from around the university, offers students unprecedented opportunities to acquire industry-ready skills, transform how products are made, and upend conventional notions of supply chains, local production, mass customization, and craft.

Electronics Lab Lead

Maker's Asylum [↗](#)

09/2017 – 06/2019

Delhi, India

Maker's Asylum is one of India's biggest makerspace / hackerspace in Mumbai and New Delhi, inspired by Artisan's Asylum, Chaos Computer Club, and other maker organizations.

- I lead the Electronics Lab at Maker's Asylum, Delhi. Here I conduct various workshops and run community driven projects.

Maker In-Residence

IKP-EDEN™ [↗](#)

07/2016

Karnataka, India

IKP EDEN is a Startup Incubator with an in-house DIY Makerspace. EDEN stands for Engineering, Design, and Entrepreneurship Network.

- I was a maker in-residence and designed a few interesting art installations and projects during my internship period.

EDUCATION

Master of Fine Arts

Parsons School of Design, The New School

2019 – Present

GPA 3.97/4.00

Major

- Design and Technology

Bachelor of Technology (ECE)

Guru Gobind Singh Indraprastha University

2014 – 2018

CPI 75.19/100.00

Courses

- Analog Electronics
- Digital Signal Processing
- Embedded System
- VLSI Design
- Digital Electronics
- Digital System Design
- Sensor Networks
- Wireless Communication

SKILLS & COMPETENCES

Physical Computing

PCB Layout and Design

C/C++

Image Processing

Mobile Application Development

Digital Fabrication

Backend Development

Fusion 360

Alexa Skill Development

CAD Modelling

AR/VR Development

Motion Graphics

Creative Filmmaking

Data Visualization

PROJECTS

Ring-O - A gesture enabled ring [↗](#)

- Gold Medal - Major Project Thesis for Bachelor's Degree

Dot² - An interactive coffee table [↗](#)

- Winner - Arduino Contest 2016 and Remix Contest @ Instructables.com
- Top 12 Finalists @ MHacks Nano (University of Michigan)

Component Tester - Test Almost Anything [↗](#)

- Winner - Arduino Contest 2015 @ Instructables.com

Baksa - An Art Installation [↗](#)

- 'Baksa' is an engaging art installation for The Lost Party held in Pune (Feb. 2016).

SuperHero API [↗](#)

- The superhero API is a quantified and programmatically accessible data source of all superheroes from different comic universes. Currently, it serves over 5,000 users

MakersMart [↗](#)

- Makers Mart is an Android Application that provides makers with a collection of shops providing electronic components, hardware, tools, and much more.

AWARDS AND ACHIEVEMENTS

Haptic Glove: Enabling Sensory Substitution [↗](#)

International Journal for Scientific and Technology Research (Publication)

President's Scholarship

Parsons School of Design, The New School, New York, NY, USA

Gold Medalist - B.Tech. (ECE) (05/2018)

Guru Gobind Singh Indraprastha University, Delhi, India

Physical Programming Language [↗](#)

International Journal for Scientific and Technology Research (Publication)

Winner of Best Transportation Hack @ MHacks X (09/2017) [↗](#)

University of Michigan, Ann Arbor, MI, USA

First Prize @ HackIITD (2017)

Indian Institute of Technology, Delhi, India

INTERESTS

Travelling

Coding

Bloggng

E-Sports