

# Akshay Baweja

Electronics Engineer and Creative Technologist

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## WORK EXPERIENCE

### Student Assistant

Making Center, Parsons School of Design

09/2019 – Present

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.

### Co-Founder and CTO

TwentyEight10 Pvt. Ltd.

04/2017 – Present

Delhi, India

The company is all about consumer facing hardware and software solution products, with ease of usage and great user experience. Also an outsourcing firm for clients with the same vision as the company.

- Currently Overseeing the product development and head the electronics division.

### 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 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

New York, USA

Major

- Design and Technology

### Bachelor of Technology (ECE)

Guru Gobind Singh Indraprastha University

2014 – 2018

CPI 75.19

Courses

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

## SKILLS & COMPETENCES

C

C++

Python

PHP

SQL

Ruby

Android

Physical Computing

PCB Designing (Autodesk Eagle)

Backend Development

Alexa Skill Development

Digital Fabrication

3D Modelling (Autodesk Fusion360)

Image Processing (OpenCV)

AR/VR Development (Unity3D)

## PROJECTS

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

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

Dot<sup>2</sup> - 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 art installation for The Lost Party held in Pune (Feb. 2016)

SuperHero API [↗](#)

- The superhero API, is a quantified and programatically accessible data source of all superheroes from different comic universes.

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

President's Scholarship (08/2019 – Present)

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

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

University of Michigan, Ann Arbor, MI, USA

Top 12 Finalist of MHacks Nano (06/2017) [↗](#)

University of Michigan, Ann Arbor, MI, USA

First Prize @ HackIITD (2017)

Indian Institute of Technology, Delhi, India

Second Prize @ HackDTU (2017) [↗](#)

Delhi Technological University, Delhi, India

## INTERESTS

Travelling

Coding

Blogging

E-Sports