

# Akshay Baweja

Electronics Engineer and Product Designer

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## WORK EXPERIENCE

### Electronics Lab Lead

Maker's Asylum [↗](#)

09/2017 – Present

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.

### Intern

Robosoft Labs

07/2015

Haryana, India

Robosoft Labs engineers software and hardware to create a wide range of products since 2014. Many of these products are designed to be off-the-shelf offerings including custom designs that fit with our customer's needs.

- Designing electronic modules and circuits for clients
- Quality Assurance of Electronic Circuits and PCBs

## EDUCATION

### 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

### Senior Secondary Education (CBSE)

Jaspal Kaur Public School

2014

92.5%

## SKILLS & COMPETENCES

C / C++

Python

PHP

SQL

Ruby

Arduino

PCB Designing (Autodesk Eagle)

Raspberry Pi

Android

3D Modelling (Autodesk Fusion360)

Backend Development

Alexa Skill Development

AR/VR Development (Unity3D)

Graphic Designing

Image Processing (OpenCV)

## 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 programmatically 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.

## ACHIEVEMENTS

Gold Medalist - B.Tech. (ECE) (05/2017)

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 @ HackIIITD (2017)

Indian Institute of Technology, Delhi, India

Second Prize @ HackDTU (2017) [↗](#)

Delhi Technological University, Delhi, India

Winner - Arduino Contest & Remix Contest @ Instructables.com (2016 – 2017) [↗](#)

Winner - Arduino Contest @ Instructables.com (2015) [↗](#)

## INTERESTS

Travelling

Coding

Blogging

E-Sports