

Akshay Baweja

Creative Technologist / Researcher / Artist

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WORK EXPERIENCE

Research Assistant Parsons School of Design

02/2021 - 06/2021

New York, USA

As a research assistant, my duties are to assist Mr. Li with his ongoing research projects revolving around building games and new interaction models for them.

Contact: Kyle Li - kyleli@newschool.edu

Research Assistant Parsons School of Design

03/2020 - Present

New York, USA

As a research assistant, my duties are to assist Mr. Sareen with his projects which involve a vivid array of subjects such as Cyborg Botany, Experimentations with plants, New HCI Technologies, and models, interactive installations.

Contact: Harpreet Sareen - sareen@newschool.edu

Student Assistant Making Center, Parsons School of Design

09/2019 - 12/2019

New York, USA

As a student assistant at the New School Making Center, my duties were to assist users at the making center with designs, fabrication and post-processing.

Electronics Lab Lead Maker's Asylum

09/2017 - 06/2019

Delhi, India

At Maker's Asylum Delhi, I headed the Electronics Lab. My duties included designing and executing community-driven projects, conduct workshops, and mentor members and students at the space.

Hardware Design Engineer CareDose

06/2018 - 12/2018

Delhi, India

As a Hardware Designer, my duties were to design electronic systems, Schematic Layouts, PCB Layouts, and design test benches for quality control and verification of previously designed systems.

Maker In-Residence IKP-EDEN™

06/2016 - 07/2016

Karnataka, India

At IKP Knowledge Park, I designed projects and a wide array of workshops including PCB Design, Basics of Electronics and Mobile App development,

EDUCATION

Master of Fine Arts (Design and Technology) Parsons School of Design, The New School

2019 - 2021

GPA 3.98/4.00

Bachelor of Technology (ECE) Guru Gobind Singh Indraprastha University

2014 - 2018

CPI 75.1/100

SKILLS & COMPETENCES

Physical Computing

PCB Layout and Design (Eagle)

Image Processing

Mobile Application Development (React)

Digital Fabrication

Backend Development

3D Modelling

Alexa Skill Development

CAD Modelling

Motion Graphics

AR/VR Development

Creative Filmmaking

Data Visualization

PROJECTS

Alive Memoir (09/2020 - 05/2021)

- MFA Thesis -- Parsons School of Design

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)

Universal Electronics Component Tester

- Winner - Arduino Contest 2015 @ Instructables.com
- 4 versions -- Keychain, USB, Arduino Uno Shield and DIY

Baksa - An Art Installation

- 'Baksa' is an engaging art installation for The Lost Party held in Pune, India

SuperHero API

- The superhero API is a quantified and programmatically accessible data source of all superheroes from different comic universes. Currently, it serves over 10k users.

AWARDS AND ACHIEVEMENTS

Haptic Glove: Enabling Sensory Substitution (03/2020)

International Journal for Scientific and Technology Research (Publication)

President's Scholarship (2019 - 2021)

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

Gold Medalist - B.Tech. (ECE) (2014 - 2018)

Guru Gobind Singh Indraprastha University, Delhi, India

Physical Programming Language (06/2020)

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 Position @ HackIITD (2017)

Indian Institute of Technology, Delhi, India

INTERESTS

Travel

Filming

Blogging

E-Sports