

Ravneet Punia

Android Developer | Machine Learning Enthusiast

Email Address: ravneetpunia@ieee.org

Website: ravneetdtu.github.io/portfolio

PERSONAL INFORMATION

LinkedIn:

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Github: github.com/RavneetDTU

Medium:

medium.com/@ravneet.dtu

SKILLS

Programming Language:

Java, Kotlin, Python, MATLAB

Framework and Library:

Hadoop, Firebase, OpenCV, NumPy, Pandas, Arduino

Core Subjects:

Data-Structure, Algorithms, OOPS, DBMS, Computer Networks, Machine Learning

EDUCATIONAL BACKGROUND

Delhi Technological University,
Electronics and Communication Engineering
Percentage : **69.7%** (Till 4th Sem.)

NATIONAL PUBLIC SCHOOL, DELHI
Class **12th** 2015
Percentage: **86.6%**

GANGA INTERNATIONAL SCHOOL, DELHI
Class **10th** 2013
Percentage: **93%**

WORK EXPERIENCE

- **Undergraduate Research Assistant** *June 2018 - Present*
Delhi Technological University
Presently undergoing a research project on Hadoop Distributed File System to improve its Storage Management, Fault Tolerance Capability, Network Performance, Availability, Reliability using Machine Learning under the guidance of Dr. NS Raghava.
- **Android Developer | Mentor** *May 2018 - Present*
IEEE-DTU Chapter
Working on Android App for IEEE-DTU for Notification, Details, Upcoming-Events, Chat-Room of society.
Mentor for summer project on Object-Detection and Recognition for summer 2018.
- **Co-Founder** *Sept 2016 - Dec. 2016*
Splendex Corporation
An online community from India that provides On-The-Top Cashback to all online shoppers of India on shopping through online portals such as Flipkart, Snapdeal, Amazon & others by visiting our website **splendexcorporation.weebly.com**.
- Generating total sales of about Rs 50,000 per month and a revenue of about Rs 2,000 per month.

ACADEMIC PROJECTS

SMART EYE WEAR

Transparent head mounted display eye wear, capable of showing all notification, from Android Devices build with a cost of \$12.
Project inspired by Google Glasses.
- Awarded at IEEE Delhi Section Congress 2018.

ANDROID PROJECTS

- **BOOKOLOGY** *Jun 2017 - April 2018*
Started an Android Platform within 15+ Colleges for Students, to buy/sell old stuff within college. Students can buy new products from BOOKOLOGY App. New Items will be delivered by **FLIPKART**. Startup failed. App removed from Play Store in April 2018.
- **MAFITNESS** *Aug. 2017*
Simple Android App for Gym in Rohini, Delhi giving necessary details about diet, nutrition, workout program and techniques. App is live on Play-Store.

ONLINE COURSES FROM COURSERA

- Machine Learning by Andrew NG, Stanford University
- Algorithm Specialization, Stanford University
- Python for Everybody, University of Michigan

- **BAKED TREAT**

March 2018

Simple Android App for a bakery having their blogs and their Contact details for placing orders. App is live on Play-Store.

- **OPEN SOURCE CONTRIBUTION**

Dec. 2017

Contribution in **IIT-KHARAGPUR** Winter Of Code

1. BooksPivot : A book-sharing (PDF/E-BOOK) Platform.

2. Voice-Calculator : Calculator with functionality of voice input and output.

EXTRA-CURRICULAR ACTIVITIES

- Content Writer and writes blogs on Android Development Implementation and Medium.
- Active Member of IEEE-DTU Student Chapter, participated and organized the annual technical festival, Seminars, Speaker at Tech-Week 2018 on **Machine Learning and US**.
- **GAMING EVENT ORGANIZER – AAHVAAN-17** *March 2017*
Organized Play Station Gaming Event for Games like **FIFA-17, WWE, NFS** sponsored by **SONY-INDIA** during Annual Sports Fest 2017 of DTU (AAHVAAN).
- Volunteer at **LEADERS FOR TOMMOROW**, participated in **PLANT A TREE** Event and **CLEANAHON DRIVE** .