

Amit Kumar

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<https://github.com/zed1025>

Education

BE in Information Technology Engineering (2015-2019)

Sarvajani College of Engineering and Technology, Surat, India

CGPA of 9.4 (till semester 7)

High School - **S.D.Jain Modern School, Surat** (2013-2015)

CBSE (93.4%)

Secondary School - **S.D.Jain Modern School, Surat** (2010-2013)

CBSE (CGPA of 10)

Selected Projects

1. NewsApp (Android)

Uses Guardian API to fetch news on four different sections.

Uses networking (Volley), RecyclerView, Fragments, Bottom Navigation

<https://github.com/zed1025/NewsApp>

2. Book Hunter(Android)

Uses google books API to search for a book. Can search for book using book title, author, or keyword. Redirects to buy link at Google Play Book Store.

<https://github.com/zed1025/BookHunter>

3. MNIST Digit Recogniser (GitHub)

Recognising Hand Written Digits using CNN and 2 layer Neural Network

4. Squeeze Data Compressor(.net)

A simple .Net application that shrinks the size of text files. Uses DeflateStream Algorithm.

<https://github.com/zed1025/Squeezy-Data-Compressor>

5. Decentralised Voting Application(Final Year Project, Ethereum) - Ongoing

6. TensorFlow Object Detection API for detecting common everyday objects

7. Cancer Prediction - Logistic Regression vs SVM

Technical Skills

Strongest Areas: **Algorithms, Data Structures, Machine Learning(ongoing)**

Familiar: **Blockchain Technology, Android Development, Web Development**

Languages: Comfortable - **Java, Python, C++**. Familiar - JavaScript, HTML, CSS

Tools and Frameworks: **Android, Git, numpy, pandas, Bootstrap, Keras, DialogFlow**

Relevant Courses

Data Structure and Algorithms, Linear Algebra, Computer Networks, Databases, Digital Electronics, Deep Learning(Coursera, ongoing)

Awards and Achievements

1. Course Certificate - **Neural Networks and Deep Learning**

2. Runner Up at TCS Inframind Season 2. Made a chatbot using DialogFlow, and my team secured the second position out of the 17000 teams that had participated.

3. **Google India Challenge Scholarship** - Android Developer Program, 2018

4. **Jury Special Mention** in Open Gov. Data Hack Surat 2017

Interests

Machine Learning, Novels, Soccer, Running