

Archit Mathur

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EDUCATION

SKIT, JAIPUR

B.TECH., COMPUTER SCIENCE
Aug 2015 - May 2019

MPS, AJMER

SCIENCE, MATHS, AND IP
Percentage - 93.6

LINKS

LinkedIn:// [archit-mathur](#)

Github:// [achie27](#)

Codechef:// [achie27](#)

SKILLS

LANGUAGES

Python • C++ • C

JavaScript • HTML/CSS

FRAMEWORKS

Tensorflow • OpenCV • scikit-learn

React.js • Express.js • Socket.io

Three.js

DATABASES

MySQL • MongoDB

TOOLS

Git • Heroku

COURSEWORK

CURRICULUM

Database Management Systems

Operating Systems

Software Engineering

Data Structures and Algorithms

Object Oriented Programming

Computer Architecture

MOOCS

Machine Learning

(by Andrew Ng)

Algorithms : Design and Analysis

(by Tim Roughgarden)

CS50x, by David Malan

(by David Malan)

COMMUNITIES

Hackathon Hackers • Kaggle

freeCodeCamp • Hacker News

Stack Overflow • devRant

TopCoder • CodeForces • CS50

EXPERIENCE

IIT BOMBAY | SOFTWARE DEVELOPMENT INTERN

May 2017 – July 2017

- Worked in a team of two to implement a platform for teachers to gamify school-level curriculum under the edTech organisation EkShiksha.
- Leveraged game statistics to find students' performance in different areas for teacher evaluation.
- Stood 3rd in the selection competition by making eight, high quality animations using Three.js for visualizing curricular experiments.

PROJECTS

WHATNEXT | MACHINE LEARNING

Dec 2017

- Recommends people what concept/language/framework to learn next based on what they already know
- Bases recommendations on what others in the community have done in similar situations
- Built with Python, Tensorflow, Flask, and JavaScript

INDRASEYE | MACHINE LEARNING

Dec 2017 | Rajasthan Hackathon 3.0 | Team Project

- Detects traffic accidents from a (CCTV) video feed
- Sends a notification to the nearest hospital and police station about the same
- Built with Python, Tensorflow, and OpenCV

NOTESORT | MACHINE LEARNING

Oct 2017

- Classifies handwritten notes based on their subjects
- Achieves accuracy in the high 70s with SVM and RNN
- Built with Python, Tensorflow, NLTK, and OpenCV

BLOBCLOUD | WEB

Aug 2017 - Sep 2017

- Saves web files directly to user's cloud storage bucket (Drive, Dropbox)
- Sends an email notification on transfer completion or error
- Built with React.js, Express.js, Node.js, and MongoDB

COLLABWATCH | WEB

July 2017 - Aug 2017

- Collaborative video-watching platform for videos on user's Drive
- Has real-time chat along with Wolfram|Alpha API for instant answers to queries
- Built with React.js, Express.js, Socket.io, Node.js, and MongoDB

INTERESTS

- Learning different perspectives to things • Browsing Quora and Facebook
- Reading manga; watching anime • The Superhero genre • Pokémon
- Playing, and watching, Cricket and Volleyball