Archit Mathur

architmathur2011@gmail.com

EDUCATION

SKIT, JAIPUR
B.Tech., Computer Science
Aug 2015 - May 2019

MPS, AJMER
High School, Science
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
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)

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.
- Teachers could use various pre-built game scenarios and fit different questions/concepts to maximize students' learning in a fun way.
- 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 | Motivation : Too many advices on what to learn next
- Recommends people what concept/language/framework to learn next based on what they already know and how their learning curve was
- Takes into account the user's naivety and how most developers in the community proceeded 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 | Motivation : Uncluttering and managing plethora of class notes
- 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 | Motivation : Saving new discoveries across all devices
- 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 | Motivation : Productive video-watching with friends
- 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
- Playing, and watching, Cricket and Volleyball • Computers
- Pokémon • Reading manga; watching anime • The Superhero genre