

# ARCHIT MATHUR

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## EXPERIENCE

### Google Summer of Code, CCEXtractor

April '18 - Aug '18

- Developed an open-source and cross-platform software that catalogues video content.
- Use-cases include goals in soccer matches, action scenes & actor-specific scenes in movies, among others.
- Wrote blog posts detailing the progress and underlying concepts.

### Software Development Intern, IIT Bombay

May '17 - July '17

- Worked in a team of two to implement a platform for teachers to gamify school-level curriculum.
- Teachers could use pre-built game scenarios and fit concepts to maximize students' learning in a fun way.
- Got 3rd AIR in the selection competition by making eight high-quality animations using Three.js.

## PROJECTS

### whatNext | Deep Learning + Web

- Recommends people what to learn next based on what they already know and how their learning curve was
- Takes into account user's naivety/expertise and how most developers proceeded in similar situations

### IndrasEye | Deep Learning | Team Project @ Rajasthan Hackathon

- Detects traffic accidents from a (CCTV) video feed and notifies the nearest hospital and police station

### blobCloud | Web

- SPA that can save web files directly to user's Google Drive account

### noteSort | Natural Language Processing

- Classifies handwritten notes based on their subject with accuracy in the high 70s

## SKILLS

**Languages :** Python , C++ , C , JavaScript , HTML , CSS

**Frameworks :** Tensorflow , OpenCV , Scikit-learn , PyQt5 , Express.js , React.js , Puppeteer

**Databases :** MySQL , MongoDB

**Tools :** Git , Bash , Heroku , GCE

## EDUCATION

### Swami Keshvanand Institute of Technology, Jaipur

Aug '15 - May '19

- Pursuing Bachelor of Technology in Computer Science.
- Co-head of Algorist, a programming club with Harvard's CS50 curriculum

### Maheshwari Public School, Ajmer

July '11 - Mar '15

- Graduated high school with Science, Mathematics, and Informatics Practises as core subjects.
- AISSCE Percentage - 93.6% and AISSE CGPA - 9.6

## OTHER

- Trilingual in Hindi, English, and Japanese.
- Ranked 807 worldwide in International English Olympiad, 2015.
- Worked part-time on Freelancer and Amazon MTurk in 2016.

## COMMUNITIES

Hackathon Hackers • CS50 • Kaggle • freeCodeCamp • Hacker News • TopCoder • CodeForces • Various /r/