

Archit Mathur

architmathur2011@gmail.com

SKILLS

Languages - C, C++, Python, JavaScript, HTML/CSS

Frameworks - React.js, Express.js, Three.js, Socket.io, scikit-learn, OpenCV, C++ STL

Tools - Git, MySQL, MongoDB, Firebase, Heroku, Sublime Text

EXPERIENCE

IIT Bombay - *SDE Intern*

May 2017 - July 2017

- Worked in a team of two to implement a platform for teachers to gamify school-level curriculum
- Leveraged game statistics to find students' performance in different areas for teacher evaluation
- Made eight, high quality animations using Three.js for visualizing curricular experiments

PROJECTS

blobCloud - *Saves web files directly to Google Drive*

- Used React.js, Express.js, MongoDB, Semantic UI, Firebase, Google APIs, SendGrid
- Sends an email to the user once the download finishes

noteSort - *Groups handwritten notes on the basis of subject*

- Used Python with scikit-learn, OpenCV, and NLTK
- Achieves an accuracy of 84% with SVM

collabWatch - *Collaborative video watching platform*

- Used React.js, Express.js, Socket.io, MongoDB, Semantic UI
- Has WolframAlpha support, real-time chat, and a whiteboard

EDUCATION

Swami Keshavanand Institute of Technology, Jaipur - *B.Tech, Computer Science*

August 2015 - May 2019 (exp)

Relevant Coursework - Software Engineering, Computer Architecture, OS, DBMS, DS & A, OOP

ADDITIONAL

MOOCs - Harvard's CS50, Stanford's Design and Analysis of Algorithms, Andrew Ng's Machine Learning

Communities - Hackathon Hackers (and its subgroups), Coursera, Reddit, BeeHyve, Eulercoder