

Yash Rathore

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SUMMARY

A Master student in Computer Science with a strong background in basic computer fundamentals, Data Structures and Algorithms. Experienced in various domains like Web Application Development, Computer Vision and Augmented Reality. Currently seeking a full-time opportunity to prove my abilities and utilize my knowledge in the growth of your organization.

EDUCATION

Master of Science - Computer Science

Arizona State University, Tempe, CGPA: 3.4/4.0

Expected July 2017

Bachelor of Technology - Computer Science

Indian Institute of Technology Indore, CGPA: 6.45/10

July 2010 - May 2014

PROFESSIONAL EXPERIENCE

- Web Developer Intern at *Arizona Medical Training Institute*. **June '16 - Nov '16**
- Refreshed the complete web application, built on Wordpress, using the technologies like PHP, MySQL, JS, etc.
- Integrated Payeezy's rest APIs which allows users to perform eCheck transactions.
- Software Developer at *NTT DATA*. **July '14 - June '15**
- Expertized in complete front end to back end development using technologies like Java, JS, HTML, and SQL.
- Actively involved in architecting various Business Logic Layer and Data Management components.

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, PHP, Python.
 - **Web Technologies:** HTML, CSS, XML, JS, JQuery.
 - **Database:** SQL, MySQL.
 - **Tools & Packages:** Eclipse, Wordpress, Dev C++, Tortoise SVN, Adobe Photoshop, SQL Developer.
 - **Working Platforms:** Windows, Linux, iOS
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ACADEMIC PROJECTS

- **MIXED-REALITY SYSTEM:** **Feb '16 -**
Tracking and projecting digital information on real world objects to facilitate easy Human Computer Interaction, using OpenCV, ArUco and OpenGL.
 - **DATING APP for VISUALLY IMPAIRED:** **Feb '17 -**
A dating app like Tinder, but for blind people, which processes the profile images of a person and describe their physical characteristics. It would also suggest better matches based on one's likings.
 - **TREASURE RAIDER:** **Sept '16 - Nov '16**
A multiplayer android game where player solves location based riddles which are mapped onto the real world.
 - **MOVIE MASTER:** **May '16 - June '16**
An online movie portal which displays the nearby movie theatres, latest releases, and allow user to book a ticket. Implementation made use of Restful API's from Yelp and The Movie Db (TMDb).
 - **GESTURE INTERACTION BOARD:** **Aug '13 - Mar '14**
An interactive way to fill the gap between digital information and physical world using hand gestures. The idea was to provide an intuitive alternative to the traditional teaching methods in classrooms. Developed on Windows using Visual studio.
 - **SOYA DISEASE DETECTION:** **Aug '13 - Nov '13**
Detection of a diseased crop based on machine learning and Computer Vision techniques using large data inputs in the form of images.
 - **YES-DOC:** **July '12 - May '13**
A web application for Doctors and Patients to keep track of the medical records. Developed on Google Cloud using Google App Engine.
 - **AUTOMATIC CAR DRIVING SIMULATOR:** A car itself finds out the shortest path through a maze using the A* algorithm.
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