

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

ACADEMIC PROJECTS

- **MIXED-REALITY SYSTEM:** **Feb '16 -**
Tracking and projecting digital information on real world objects to facilitate easy Human Computer Interaction, using C++, OpenCV and OpenGL.
- **BLIND-DATING:** **Feb '17 - Apr '17**
An android application for visually impaired people, which processes the Tinder profile images of a person and describe their physical characteristics.
- **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 to provide an intuitive alternative to the traditional teaching methods in classrooms.
- **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.