Yash Rathore

✉ yash.rathore@asu.edu | 📞 480-799-8947 | 📍 Tempe, Arizona-85281

🌐 http://www.yashkrathore.com

SUMMARY

A computer science graduate 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 (Thesis) – Computer Science   Arizona State University, Tempe, CGPA: 3.4/4.0   **Aug 2015 - July 2017**

Bachelor of Technology – Computer Science   Indian Institute of Technology Indore (IITI), CGPA: 6.45/10   **July 2010 - May 2014**

PROFESSIONAL EXPERIENCE

- Web Developer Intern at *Arizona Medical Training Institute*.   **June 2016 - Dec 2016**
- Built a complete web application, on Wordpress, using the technologies like PHP, HTML5, JavaScript and MySQL.
- Integrated Payeezy's Rest APIs which allows users to perform eCheck transactions.

- Software Developer at *NTT DATA FA Insurance Systems*.   **July 2014 - June 2015**
- Expertized in complete front end to back end development of the web application using Java, JavaScript, HTML, and SQL.

ACADEMIC PROJECTS

- **HUMAN AWARE MIXED REALITY SYSTEM:**   **Feb 2016 - till date**
  Tracking real world 3D objects and projecting visual information in the environment to facilitate easy Human Computer Interaction, using a simple webcam, projector and Kinect One device.

- **BLIND-DATING:**   **Feb 2017 - Apr 2017**
  An android application for visually impaired people, which processes the Tinder profile images of a person and describe their physical characteristics.

- **TREASURE RAIDER:**   **Sept 2016 - Nov 2016**
  A simple graphic rich android game where players solve location based riddles which are mapped onto the real world.

- **MOVIE MASTER:**   **May 2016 - June 2016**
  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 2013 - March 2014**
  An interesting 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. Built on Visual Studio using C#.

- **SOYA PLANT DISEASE DETECTION:**   **Aug 2013 - Nov 2013**
  Detection of a diseased crop based on Machine Learning and Computer Vision techniques using large image data.

- **YES-DOC:** A web application on Google Cloud using Google App Engine.   **July 2012 - May 2013**

TECHNICAL SKILLS

- **Programming Languages**: C++, Java, Python, PHP.
- **Web Technologies**: HTML, CSS, JavaScript, JQuery.
- **Database**: SQL, MySQL.
- **Tools & Packages**: Eclipse, Wordpress, Visual Studio, Dev C++, OpenCV, OpenGL, Tortoise SVN, Adobe Photoshop.
- **Working Platforms**: Windows, Linux.