Tanya Verma

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Professional Summary

I'm a CS and Engineering Physics major at UIUC. I'm interested in Software Development, Game Development, Data Science, Quantum Computing and Information and Computational Physics.

Skills

Languages: C++, C#, Python, JavaScript, Java, Ruby, HTML/CSS
Tools and Frameworks: Unity, ReactJS, Flask, Ruby on Rails, Flash, SQL Server

Education

University of Illinois Urbana-Champaign
B.S. Computer Science and Engineering Physics, May 2020
Relevant Coursework
- CS 125 Introduction to Computer Science (Enrolled)
- CS 196 Freshman Honors Project (Enrolled)
- CS 225 Data Structures (Enrolled)
- PHYS 225 Relativity and Math Applications (Enrolled)
- PHYS 325 Classical Mechanics I (Enrolled)

Delhi Public School, Dwarka - New Delhi, India
High School Diploma: March 2016
Second in Class of 2016 (97.4/100)

Other relevant online courses
1. The Odin Project (Web development) – September 2016
2. Introduction to Computer Science CS50 (Harvard edX) – 2013
3. Mathematics for Computer Science (MIT OCW) – July 2016
4. Intermediate Number Theory (Art of Problem Solving) – July 2016

Projects

1. Created an app for optimizing fuel usage at a hackathon (MHacks) October 2016
2. Designed Physics simulations for Physics based escape room   September 2016
3. Made quizzing software for physics learning   December - March 2016
4. Working on a shared music repository software   September 2016
5. Created about 40-50 highly detailed and entertaining Unity/Scratch/Flash/Pivot games
                                                                      2009 - 2012

Accomplishments

1. All India Rank - 4519 in JEE Advanced 2016 (2nd level of an engineering entrance exam taken by 1.3 million candidates, tests Physics, Chemistry and Math)
2. All India Rank - 1572 in JEE Mains 2016 (1st level of the above mentioned exam)
3. Qualified Indian National Physics Olympiad 2016
4. KVPY Scholar 2015 (A National Fellowship in Basic Sciences, initiated by the Govt of India, to attract exceptional students for pursuing a research career in science.)
5. All India Rank - 2: Unified Cyber Olympiad 2012
6. All India Rank - 5: International Olympiad of Mathematics 2012