Harshdeep

Curriculum Vitae

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BSc AI wIE, Student at the University of Manchester

Education

2014 - 2018 **BSc Artificial Intelligence wIE**, *University of Manchester*, UK, *First Year - 78.83 %*.
- Accredited by the British Computer Society, predicted first class.
- Was part of the first year team project, MODA, in which we built a fashion social network & developed it using CSS, HTML, Javascript, PHP, MySQL & Git.
- Studied in First Year : OOP in Java ,Fundamentals of Distributed Systems, Artificial Intelligence, Computation, Computer Architecture, Engineering and Mathematics.
- Currently Studying in 2nd year : Mobile Systems, Machine Learning, Graphics and Image Processing, Computer Networks and Algorithms.

2013 - 2014 **12th Grade - AISSCE**, *Rotary Public School*, Gurgaon, India, *91.8 % Overall*.
- Following scores were achieved in my 12th grade exams:
  - Physics: 94
  - Maths: 95
  - Chemistry: 98
  - English: 83
  - Physical Education: 89
- Achievements : Was awarded by my school for outstanding performance in Physics, Chemistry & Maths.
- In addition, to this I was also the Head Boy of the school in 12th Grade.

2011 - 2012 **10th Grade - AISSCE**, *Rotary Public School*, Gurgaon, India, *CGPA - 9.4*.
- Attained these CGPAs in 10th Grade: Social Science 9.8, Hindi 9.4, English 9.6, Science 9.8, Mathematics 10.
- Was one of the Silver Achievers in 10th Grade.

Work Experience

March 2015 - Present **Co Founder**, *HackDelhi*, Delhi, India.
Organized one of India's first student run hackathon (A 24 hour programming competition). Had an experience of gathering sponsorships and achieving targets on time.
Duties included :
- Leading a team to organize one of the first student run hackathon in India, and hence make students aware of the educational value of hackathons.
- Securing funding from sponsors & managed Venue arrangements, Finance and authorized payments.
- Dealing with all the formalities before & after the event, and thereby making sure that everything is done in an organized manner.
- Leading the volunteering team at the day of event, prepare a website & keep the other social media platforms up to date regarding the event with other team members.

June 2014 - August 2014 **Volunteer - Maths**, *Coral Group*, Mohali, India.
Was a volunteer for teaching Mathematics to students enrolled for SAT Subject Test courses. Had an experience of handling client demands.
Duties included :
- Teaching Mathematics for SAT Subject Test to a group of students.
- Handling and adapting to the requirements of different individuals.

March 2014 - Present	**Web Developer**, *Freelance*, India. Had an experience of developing websites for clients, developed the website for HackDelhi and CIL. Had an experience of handling client demands and providing services to their expectations. Duties included : ○ Meeting the requirements and needs of the client, and hence developing the site on time. ○ Developing the site with the help of CSS, HTML, Javascript & PHP.

Skills

Programming	Fluent in: Java OOP, Python, HTML, LaTeX. Experience In : C/C++, CSS, PHP, Javascript, GIT, Assembly, MySQL & Verilog. Have learnt about different types of testing techniques in Java course.
Linux & Command Line	Knowledge of Linux Operating System, General Bash skills & scripts. Ability to develop intermediate bash scripts & work with them.
Other	Experience with other Operating systems like Windows, iOS & MacOSx. Also have experience of using Microsoft Office - Word, PowerPoint, Excel & Access & OpenOffice Suite.

Interests & Hobbies

Programming & Innovation	○ Have taken part in several hackathons like StrathHack, PayPal Hack and UoM Robotics Hackathon. ○ Have won one of the tasks in StrathHack in which me and my team had built an educational Zombie game, which basically asks the user to solve mathematical problems and for each problem solved, it killed a zombie in the game. *Our team was awarded by JP Morgan.* ○ Currently enhancing my skills in C/C++ and Android Development (Android Studio). ○ Presently,have formed a team & working on a web based application.
Gaming & Others	In my leisure time, I love to play PC Games, because I think they are another tool to increase one's creativity, logical and analytical skills. I generally like playing strategy games like Age of Empires & Civilization or play First person shooter games like Call of Duty. If some spare time is still left, I prefer watching movies, playing cricket & going out with friends.

Languages

English	**Advanced**	*Conversationally Fluent*
Hindi	**Advanced**	*Conversationally Fluent*
Punjabi	**Mother Tongue**	
French	**Basic**	*Basic words & Introduction*

References can be asked on demand