**AMANDEEP SINGH**

* 1. Computer Science and Engineering

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| **ACADEMIC QUALIFICATIONS** | | | |
| **Degree/Board** | **Year** | **Institute** | **Percentage/CGPA** |
| B.E. Computer Science and Engineering | 2017 | PEC University of Technology, Chandigarh | 6.59/10.0 |
| Class XII–PSEB | 2012 | Govt. Model Sen. Sec. School, Civil Lines, Patiala | 85.6% |
| Class X–PSEB | 2010 | Sun Flower Model High School, Tripuri, Patiala**.** | 80.2% |

**INTERNSHIPS& INDUSTRIAL VISITS**

* + - **Six months internship** at Maestro Global Services Pvt. Ltd.*(Jan-June 2016)*

**Industry Guide**: Ms. Manjot Singh, Senior Software Developer.

**Faculty Guide**: Prof. Ankita Gupta, PEC University of Technology.

**Work**: Web designing and development for “care-audio.com” using HTML, CSS, JavaScript, jQuery,PHPandMySQL and also worked on .net framework for company’s internal projects using Visual Studio and MySQL.

* + - **Industrial Tour** organised by the college*(Dec 2014)*

**Companies Visited**: CISCO Systems, SAP Labs,WIPRO and STPI Bangalore.

**PROJECTS**

* + - Online Twitter Trend Analysis as **Capstone Project 2***(Feb-April 2017)*

**Guide**:Prof. Alka Jindal, PEC University of Technology.

**Work**: Identifying the emerging topics or 'trends' on Twitter in real time and providing an analysis and accurate description of this trend using Topic Modelling & LDA.

* + - Face Detection and Recognition using multiple Algorithms as **Capstone Project 1***(Sep-Nov 2016)*

**Guide**:Prof.Alka Jindal, PEC University of Technology.

**Work**: Developed a classifier using Machine Learning (SVM) and Data Mining which classifies songs into various mood categories (like happy, sad etc.)

* + - Super Market Billing System as **Web Technologies Project***(Oct-Nov 2015)*

**Guide**: Prof. Padmavati, PEC University of Technology.

**Work**:Designed and developed a super market billing system using HTML, CSS, JavaScript, PHP, jQuery and MySQL.

* + - Hotel booking System as **Database Management System Project***(Oct-Nov 2015)*

**Guide**: Prof. Shilpa, PEC University of Technology.

**Work**:Building and linking of database using MySQL for a website which helps to book hotels and specific rooms in hotels.

**PROJECTS**

* + - Payroll system as **Object Oriented Programming Project***(March-April 2015)*

**Guide**: Prof. Ajay Mittal, PEC University of Technology.

**Work**:Developed college payroll system using C++ as the language for design.

* + - Working model of calculator as **Digital Electronics Project***(Oct-Nov 2014)* **Guide**: Prof. Sukhwinder Singh, PEC University of Technology. **Work**:Designed a working model of calculator using logical gates.
    - Electrolytic cell as **Engineering Design Project***(March-April 2014)*

**Guide**: Prof. Alakesh Manna, PEC University of Technology.

**Work**:Designed a working model of electrolytic cell as Engineering Design project.

**TECHNICAL SKILLS**

* + - **Programing Languages**: C, C++, C#,Java, HTML, CSS, JavaScript, PHPand MySQL.
    - **Tools**:MATLAB, ISISProteus, emu8086, AutoCAD (basics), WAMP Server, Microsoft Visual Studio, NetBeans IDE, Wordpress and MS office (MS Word, MS PowerPoint, MS Excel).
    - **Operating Systems**: Windows, Linux.
    - **Lab Skills**: Familiarity with basic Chemistry and Physics lab equipment and processes.
    - **Languages Known**: English, Hindi and Punjabi.

**POSITIONS OF RESPONSIBILITY**

* + - Discipline Joint head in PECFEST (Annual cultural fest of PEC) 2015.
    - Discipline Subhead in PECFEST (Annual cultural fest of PEC) 2014.
    - Member of Volleyball team winning Inter-year Volleyball tournament 2015-16 held in PEC.
    - Member of Volleyball team winning Inter-Branch Volleyball tournament 2014-15 held in PEC.
    - Member of Volleyball team winning circuital vs. non-circuital Volleyball tournament 2014-15 held in PEC.
    - Member of Volleyball team finishing third in Inter year Volleyball tournament 2014-15 held in PEC.

**EXTRA CURRICULAR ACTIVITIES&INTERESTS**

* + - Active member of PUNJABI EDITORIAL BOARD PEC.
      * Participated in various Cultural Dance activities.
      * Edited and wrote poems, essays for annual PECPOST .
    - Part of Volleyball team of PEC during the year 2014-15.

-Part of team representing PEC in North Zone Inter University Volleyball tournament 2014-15.

* + - **Hobbies**: Playing volleyball, photography, travelling, weight training, dancing and listening to music.