

Satinderpal Singh

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Experience

- 2016–2017 **Assistant Professor**, *Dashmesh Khalsa College*, Zirakpur, *Under the management of SGPC*.
- 2015–2016 **Programmer**, *CSIOM Solutions Pvt. Ltd*, Ludhiana.
Programming and Development

Education

- 2013–2015 **M.Tech**, *SGGSWU*, Fatehgarh Sahib, *CGPA 7.10/10*.
Computer Science and Engineering
- 2009–2013 **B.Tech**, *Guru Nanak Dev Engineering College*, Ludhiana, *66.5%*.
Computer Science and Engineering
- 2007–2009 **Senior Secondary**, *RDK DAV Model Sr. Sec. School*, Batala, *70.4%*.
PCM
- 2007 **Matriculation**, *RDK DAV Model Sr. Sec. School*, Batala, *70%*.

Master thesis

- Title *Voice dictation system for Punjabi language with cmu-sphinx speech engine*
- Supervisors Dr. Vinay Bharadwaj
- Description Speech to text dictation system for punjabi language, which could convert human voice to Gurmukhi font by using CMUSphinx engine and cmu-toolkit

Major Project

- Title *Office Automation System*
- Supervisors Dr. HS Rai
- Description An office automation system for Testing and cultancy cell, GNDEC ludhiana

Languages

- | | | |
|------------|----------------|-------------------------|
| Language 1 | Punjabi | <i>Read & Write</i> |
| Language 2 | Hindi | <i>Read & Write</i> |
| Language 3 | English | <i>Read & Write</i> |

Computer skills

Language	C, C++, Python, php, Fortran	Tools	Festival Framework, CMUSphinx, Festvox
Database	MySQL, PostgreSQL		Django, Wordpress, CodeIgnitor
Scripting	Bash	Operating System	Ubuntu, Fedora, Windows
Server	Ubuntu, Fedora		

Interests

- Interest 1 Spending time with Innovative minds. Usually spend time with student from different institutes and discuss innovative ideas.
- Interest 3 Programming and Development
- Interest 2 Playing martial art Gatka and Wushu

Software Development

- POS tagger for Punjabi language
- Enhanced POS tagger for Hindi language
- Text to speech system with festival framework for Punjabi language
- IRIS traffic management system
- Office Automation
- Kirt: A salary calculation web app for local business
- Tutor: Online tutor hiring system
- Student Management System

Web Development

- PeasantsB consultants website
- GH construction Website
- Money for lunch website
- Product scrapping script from ebay to majento
- American most trusted constructors website
- Personal websites of many people/firms