

# Nitin Kashyap

(+91) 8219497514, 8427868152(w) | nitinkashyap.becse16@pec.edu.in | Git: nitinkashyap003 | LinkedIn: nitin-kashyap-55038b133

## Education

### Punjab Engineering College

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

- CGPA-7.00/10

Chandigarh

Aug. 2016 - PRESENT

### Kendriya Vidyalaya No.2 (Army Area) Pathankot

SENIOR SECONDARY SCHOOL - 12TH

- Percentage : 93.0%

Pathankot

2014-2015

### Kendriya Vidyalaya No.2 (Army Area) Pathankot

HIGH SCHOOL - 10TH

- CGPA : 9.6/10

Pathankot

2012-2013

## Projects

### J.A.R.V.I.S. (Just a Registration and Vehicle Information System)

WEB DEVELOPMENT, ANDROID DEVELOPMENT, MACHINE LEARNING

Sept. 2018

- Developing a dynamic system to upgrade the Vehicle Registration System at PEC campus.
- An android app to retrieve information from QR code stickers.
- Identifies vehicles entering in the parking. Finding the violators and allowing the registered using image sensing.
- Technologies Used:- PHP with HTML5,CSS3 for dynamic system, Android Development for App and Python Libraries for Image Sensing

Hostel-Room-Alloc

### Hostel Room Allocation System

WEB APPLICATION

May 2018

- Developed a Web portal, which is able to allocate rooms to students based on different criteria at PEC Campus.
- Used Drupal and MYSQL using apache servers (Xampp)
- Presented the project at College Level.

### Prediction of Crime Prone Area's

DATA ANALYTICS

Jan. 2018 - May. 2018

- Developed a general algorithm on Python Frameworks that predicts crime prone areas in Chandigarh.
- Worked on collection and abstraction of data through opendata.gov.in in Json format.

### Economics Project

NON-TECHNICAL

November 2017

- Studied the first four goals of SDGs and analyse the problems faced by people in different age groups in different sectors of life style.
- Involved in performing surveys across the different sectors in Chandigarh and analysing the results.

## Skills

**Operating System** Windows, Linux (basic Ubuntu)

**Programming** C++ (with Basics of STL), Python Basics, JAVA Basics, MYSQL, x86 Assembly Language

**Web Development** HTML5, CSS3, Drupal Framework

**Software Used** Pycharm, CodeBlocks, Proteus8 (Basics), IntelliJ, Wireshark

**Designing** Adobe Premiere Pro, Adobe Photoshop, Adobe Animate, Adobe Audition, Prezi

## Management and Leadership

**PECFest** Joint-Head of Creative Team of College

Subhead of Marketing and Publicity Team of PECFest'17

**Orientation 2K17** Organised Technical Projects Display on Orientation 2K17

Organised Designing Work

# **Extracurricular Activity**

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## **TECHNICAL**

IEEE

- Participated in various events Code n Go, Relay Race organized by IEEE

## **CULTURAL**

PUNJABI EDITORIAL BOARD (PEB)

- Secured 3<sup>rd</sup> prize at NIT Jalandhar Annual Cultural Fest, Utkansh 2017
- Member of the **Executive Body** Of the Board.
- Organized/Participated in different annual event organised by club.

PROJECTION AND DESIGN CLUB (PDC)

- Joint Head of Designing Committee of Club.
- Organized the Logo Quiz and DesignHack during **PECFEST**

## **SOCIAL**

PUNAKRITI (NGO)

- Head of ABC Project under NGO. Teach students practically in Government school.
- An active member of NGO Designing Committee.

## **HOBBIES**

- Reading Books, music, travelling, bhangra, drawing, programming, designing and gaming.