

# Rupali Bawa

Computer Science Student

## TECHNICAL SKILLS

- > Java (proficient)
- > Python (proficient)
- > C/C++ (experienced)
- > MySQL (proficient)
- > Android (experienced)
- > PL/SQL (experienced)
- > Oracle SQL (familiar)
- > JavaScript (familiar)
- > HTML (familiar)

## OTHER ACTIVITIES

- > **Gold Medallist** in Punjab Skills State Competition 2018
- > **National Level** Yoga Player (2013 and 2014)
- > **NSS Volunteer** at GPCG, Patiala
- > Member of Placement club and Motorsport club at Punjabi University, Patiala
- > Member of Environment and Technical Club at GPCG, Patiala

Patiala, Punjab  
India  
147001

(+91) 9023149050  
rupalibawa@outlook.com  
<https://Rupalibawa.github.io/>

## EDUCATION

[2018-2021]

**Punjabi University, Patiala**

Bachelors of Technology – Computer Science and Engineering

- > Overall CGPA – 8.2/10.0

[2015-2018]

**Government Polytechnic College for Girls, Patiala**

Diploma in Computer Engineering

- > **First Position** in Academics

## EXPERIENCE

[Summer 2017] [Summer 2019]

**Gitstein Technologies, Patiala**

Summer Trainee

- > Python Project – Wiki Scraper, a compact web scraper that scraped through Wikipedia to collect data.
- > Java Project – Desktop Controls, a desktop app which facilitated capturing screenshots and constant monitoring of desktop screen.

[January 2018-March 2018]

**Gitstein Technologies, Patiala**

Trainee – Android Development (Team Leader)

- > Project – GPCG App, a mobile developed for my diploma college to alert students about various notices and events occurring in the college. Used Firebase, Android ListView, and Android MapView among other things

## PROJECTS

PageRank Implementation

- > Implemented PageRank algorithm, developed Larry Page and Sergey Brin, it's the algorithm used by google search
- > Most of the code was written in Python script, stored in sqlite3 database and visualized using d3.js library

Marathon 2018

- > **Stood first** for completing a desktop app and mobile app **in under 4 hours** among all the participating district toppers
- > Single-handedly designed and implemented all the aspects of the application (UI, databases, etc.)

Hangman

- > Classic game of Hangman, created using Python3 and Tkinter
- > Wrote **450+ lines of code in 1.5 hour**