PIYUSH AGGARWAL

PERSONAL INFORMATION

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SKILLS

C++14 development
Cross-platform development with Qt
Version control through git
Shell scripting
Python3 scripting
Public speaking
Documentation
Windows development
Test driven development
Linux Administration
Open software proponent
Good at internet searching
Blogging
Attention to detail
Quick learner
Strategic Planner
People person
Leadership

TRIVIA

Blogger
PC gamer
Badminton player
Regular jogger
Practices cooking
Listens to pop music, contemporary R&B

EDUCATION

Maharaja Agrasen Institute of Technology, New Delhi, India

Bachelor of Technology
Computer Science & Engineering
2016 – 2020

EXPERIENCE & PERSONAL PROJECTS

- **Google Summer of Code 2019 student** at KDE *[Windows | Qt | C++]*
  https://bit.ly/GSoC2019FF   **MAY 2019 – SEPTEMBER 2019**
  Developed and released KDE Connect for Windows
- Volunteer Free Software Developer at **KDE** *[Qt | C++ | Python3]*
  https://community.kde.org/KDEConnect   **NOVEMBER 2018 – PRESENT**
  KDE Connect is a multi-platform app that allows devices to communicate. built using Qt, C++ and QML and the flexible extensions of KDE frameworks.
- **OpenCV**: Book detection and identification system *[Python3]*
  https://github.com/brute4s99/bhejobooks   **JUNE 2018**
  A book identification program for identifying book(s) in a photograph.
- **Automation**: Scripting *[Shell | Python3 | Batch]*
  https://github.com/brute4s99/scripts   **JUNE 2017 – PRESENT**
  - **dotBot** - dotfiles and personal config synchronizer (Linux)
  - **IMDb Sort** - rating-based movie collection organizer
  - **GitBot** - easier pushes to remote repos
- **2D Simulations** *[BGI | C++]*
  https://github.com/brute4s99/games   **APRIL 2017**
  - **Chemistry Titration Simulator** – simulates the experiment of calculating the normality of $KMnO_4$
  - **Fidget Spinner** – simulates a fidget spinner in Borland Graphics
- **IoT**: Arduino Project *[Embedded C]*
  https://github.com/brute4s99/OTP_Arduino   **OCTOBER 2018**
  An Arduino based OTP lock system with live tracking
- Procedural Music Generator *[C++]*   **SEPTEMBER 2019 – PRESENT**
  procedurally generate music of different genres, styles and themes based on the input parameters with an interface providing control over each parameter to generate limitless variations.
- Contributor at **pandas** *[Python3]*
  https://github.com/pandas-dev/pandas/pulls?q=is%3Apr+author%3Abrute4s99+is%3Aclose   **SEPTEMBER 2017**

EXTRACURRICULAR ACTIVITIES

- **Speaker** at **Akademy 2019 - Milan, Italy**   **SEPTEMBER 2019**
  Annual world summit of KDE, organized in Milan, Italy by KDE e.V. Delivered a talk on my GSoC 2020 project; attended many BoFs (Birds of a Feather).
- **Organizer and Speaker** at **KDE Conference India 2020**   **OCTOBER 2020 – PRESENT**
- Regular **volunteer** at **PyCon India Conference**(s)   **OCTOBER 2018 – PRESENT**
- Regular **speaker, volunteer and organizer** at **ILUGD**
  https://ILUGD.github.io   **SEPTEMBER 2018 – PRESENT**
- **Speaker** for the talk "**Git: Advanced**" organized by **Mozilla Punjab**
  https://twitter.com/MozPunjab/status/1101491513450774528   **MARCH 2018**
  Talk on "Git - Advanced" in event "Deep Dive into Open Source" organized by Mozilla Punjab.
- **Organizer** at **OpenCode MAIT**: The Open Source Community of MAIT
  https://opencode-mait.github.io   **JANUARY 2019 – PRESENT**
  Founded a community in our college to promote Open Source software and the culture revolving around Free/ Libre and Open Source Software [F/LOSS].
- **Senior Placement Cell Coordinator** at **TnP Cell**, MAIT   **AUGUST 2017 – PRESENT**
- **Delhi Team Lead** for Hour of Code 2020   **DECEMBER 2019 – PRESENT**