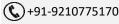
PIYUSH AGGARWAL

PERSONAL INFORMATION



piyushaggarwal002@gmail.com



https://brute4s99.github.io



https://slides.com/brute4s99

SKILLS

- C++14 development
- Cross-platform development with Qt
- Linux Administration
- Python 3 scripting
- Shell scripting
- Version control through git
- Test driven development
- Public speaker
- Quick learner
- Strategic Planner

TRIVIA

Blogger

PC Gamer

Badminton player

Regular jogger

EDUCATION

Bachelor of Technology Computer Science & Engineering 2016 – 2020

Maharaja Agrasen Institute of Technology, Guru Gobind Singh Indraprastha University, New Delhi, India

EXPERIENCE & PERSONAL PROJECTS

• Development Intern at Archetype Entertainment Pvt. Ltd.

https://www.sostronk.com/welcome

FEBRUARY 2020 - PRESENT

C++ software development intern focusing on leveraging C++ and Qt framework to develop a cross platform desktop application for SoStronk, an eSports startup.

Research Work: Procedural Music Generation

SEPTEMBER 2019 - FEBRUARY 2020

procedurally generate music of different genres, styles and themes based on the input parameters to generate limitless variations; successfully published a research paper on the topic in the Elsevier Procedia.

Google Summer of Code 2019 student at KDE [Windows | Qt | C++]

https://bit.ly/GSoC2019FF

May 2019 - September 2019

Developed KDE Connect for Windows during Google Summer of Code 2019; currently maintaining 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.

Automation: Scripting [Shell | Python3 | Batch]

https://github.com/brute4s99/scripts

JUNE 2017 - PRESENT

- o dotBot dotfiles and personal config synchronizer (Linux) link
- IMDb Sort rating-based movie collection organizer <u>link</u>
- GitBot easier pushes to remote repos <u>link</u>
- 2D Simulations [BGI | C++]

https://github.com/brute4s99/games

APRIL 2017

- Chemistry Titration Simulator simulates the experiment of calculating the normality of KMnO4 link
- o Fidget Spinner simulates a fidget spinner in Borland Graphics link
- IoT: Arduino Project [Embedded C]

https://github.com/brute4s99/OTP_Arduino

OCTOBER 2018

Arduino Uno based time-limited OTP lock system with live tracking functionality also usable in areas with no internet access.

EXTRACURRICULAR ACTIVITIES

Speaker at Akademy 2019 - Milan, Italy

https://akademy.kde.org/2019

SEPTEMBER 2019

Delivered a talk on my Google Summer of Code 2020 project and met my program mentors in real life.

Speaker at KDE Conference India 2020

https://conf.kde.in/

January 2020

Delivered a talk on KDE Connect and explained how new contributors can get on-board with the project and help out in making it more awesome.

• Volunteer at Pycon India Conference

https://in.pycon.org/2020/

OCTOBER 2018 - PRESENT

Organizer at India Linux Users Group Delhi

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

Delivered a webinar on "Git - Advanced" in event "Deep Dive into Open Source".