

PIYUSH AGGARWAL

PERSONAL INFORMATION

☎ +91-9210775170

✉ piyushaggarwal002@gmail.com

🌐 <http://taskmaster9001.github.io>

SKILLS

- C++14 development
- cross-platform development with Qt
- GUI development with QML
- Linux administration
- python 3 scripting
- shell scripting
- version control through git
- test driven development
- public speaker

TRIVIA

- PC Gamer
- regular jogger
- badminton player

EDUCATION

Bachelor of Technology (graduating in June)
Computer Science & Engineering
Maharaja Agrasen Institute of Technology
Guru Gobind Singh Indraprastha University,
New Delhi, India
Batch 2016 – 2020

EXPERIENCE & PERSONAL PROJECTS

- **Development Intern at Archetype Entertainment Pvt. Ltd.**
<https://www.sostronk.com/> FEBRUARY 2020 – PRESENT
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://community.kde.org/GSoC/2019/StatusReports/taskmaster9001> 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 Projects: Scripting** [Shell | Python3 | Batch]
<https://github.com/taskmaster9001/scripts> JUNE 2017 – PRESENT
 - **dotBot** - dotfiles and personal config synchronizer (Linux) [link](#)
 - **IMDb Sort** - rating-based movie collection organizer [link](#)
 - **gitBot** - easier pushes to remote repos [link](#)
- **2D Simulations** [BGI | C++]
<https://github.com/taskmaster9001/simulations> APRIL 2017
 - **Chemistry Titration Simulator** – a simulation of the KMnO4 Normality calculation experiment [link](#)
 - **Fidget Spinner** – simulates a fidget spinner in Borland Graphics [link](#)
- **IoT Project: Lockator** [Embedded C]
<https://github.com/taskmaster9001/lockator> 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.
- **Organizer at KDE Conference India 2020**
<https://conf.kde.in/> JANUARY 2020
Also 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.
- **Organizer at India Linux Users Group Delhi**
<https://ILUGD.github.io> SEPTEMBER 2018 – PRESENT
- **Speaker for the talk "Git: Advanced"** organized by **Mozilla Punjab** MARCH 2018
Delivered a webinar on "Git - Advanced" at the event "Deep Dive into Open Source".