

Subham Rathore

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EDUCATION **Birla Institute of Technology**, *BE in Electronics and Communications Engineering*
GPA: 7.33 2013 | 2017
Mesra, Ranchi

EXPERIENCE **Samsung R&D Institute - Delhi**, *Software Engineer* Sept 2017 | Present
Noida

- Responsibilities include building native applications using C/C++ for Samsung Smart Devices
- Developed applications which run on devices like Floor AC and enable them to connect to Smartthings Cloud
- Developed application to provide an Interface to control device using voice(Bixby)
- Developed Remote Test Lab application for Samsung Family Hub Devices and Smart Watches

Samsung R&D Institute - Delhi, *Intern* Dec 2016 | June 2017
Noida

- Responsibilities include building native applications using C/C++ for Samsung Smart Devices
- Wrote a wrapper for conversion between SHP protocol and OCF protocol and vice-versa for Samsung Family Hub devices
- Developed a prototype for communication between application and device hardware using SCube Protocol

SKILLS : C/C++

Personal Projects **cptr**, *C++*

A python command line like interface for simple C/C++ programs.
<https://github.com/sub123/cptr>

moviebot, *Python*

A python cli application to organize and create index of movies present on local drive and categorize them based on their IMDB information.
<https://github.com/sub123/moviebot>

AWARDS **Samsung Young Achiever Award**, *Samsung R&D Institute-Delhi* 2018

2nd runner up in Best project Award, *Samsung R&D Institute - Delhi* 2018

Runner Up, *ACM, BIT Mesra* 2016
Runner up in Hackathon organised by ACM, BIT Mesra and DirectI