

Subham Rathore

CONTACT	Plot No. 700/F, Bari-Coop Colony,Bokaro Steel City Jharkhand-827010	E-mail: rsubham556@gmail.com Website: sub123.github.io Phone: +91- 9834619376
EDUCATION	BE, Electronics and Communication Engineering Birla Institute of Technology, Mesra CGPA: 7.33/10	2013 — 2017
	CBSE, Grade XII Delhi Public School, Bokaro Steel City Percentage: 91.8	2011 — 2013
	CBSE, Grade X Delhi Public School, Bokaro Steel City CGPA: 10/10	2009 — 2011
WORK EXPERIENCE	Samsung R&D Institute, Delhi Software Engineer Responsibilities include building native applications using C/C++	Sept 2017 — Present
	Samsung R&D Institute, Delhi Intern Responsibilities include building native applications using C/C++	Dec 2016 — Jun 2017
SKILLS	C/C++, Python,Linux	
PERSONAL PROJECTS	C/C++: <ul style="list-style-type: none">• Character device driver: A simple Linux device driver to perform read and write operations to and from device character by character.• Cptr : A toy interpreter for C/C++ Python: <ul style="list-style-type: none">• Caire: A Python implementation of content aware image resizing paper published by Shai Avidan and Ariel Shamir using Seam Carving.• bfck Interpreter: An interpreter for Brainfck language. Node.JS: <ul style="list-style-type: none">• webDC++: A NMDC protocol based web client for purposes such as personal message, searching among shared files etc over LAN.• DC API: An API for providing easy sign-in to various locally hosted applications using DC Hub credentials.	
EXTRA CURRICULAR	<ul style="list-style-type: none">• Linux and Python Workshop: Organised a Linux and Python workshop under IET Club, BIT Mesra.• Project Mentorship Programme: Served as project guide for juniors.• Capture the flag competition: Problem setter for capture the flag events organised over LAN in college.• Winner of Samsung Young Achiever Award 2018.• Stood 2nd in hackathon organised by DirectI in collaboration with ACM, BIT Mesra.	