

# Yash

Jain



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github.com/yash0530

## Education

B.Tech. VJTI 2021 | GPA:8.947/10

HSC

K. C. College | 20147 | 93.54 %

SSC

J. H. School | 2015 | 93.20%

## Skills

Languages: C, Java, Matlab, SQL, Python

WebDev : HTML, CSS, JS, JQuery, php

Simulation : Ansys, Comsol, Arduino

Other: MS Office, JIRA, Git, Adobe AE

Certifications: Oracle Certified Associate, Java SE 8 Programmer

## Extra-Curricular

Co-Founder & Head @ Evolve

- Organized talks & workshops
- Brought the alumni of IITs, BITS, NITs and industry professionals to guide students

Graphic Designer @ Designers

- Anonymous & Dept. of Technical Arts
- Taught design softwares to students
- Designed content to publicize fests

Event Manager @ BITS Embryo

- Organizer of conclave forums & talks
- Handled logistics & pitched speakers

## Work Experience and Internships

Since Aug'18	Senior Analyst	Capgemini, Hyderabad
	Building a Rating Engine for Insurance firms using Guidewire & Java	
Jan-Jun'18	Research Intern	Center for AI & Robotics, DRDO, Bengaluru
	Designed & built a Stair Climber bot along with its basic SDK library	
	Worked on Active Noise Cancellation algorithms for Wall Climber bot	
July'17	Summer Intern	NTPC Limited, Solapur
	Analyzed <i>Scope of Wind capacity installations</i> using Meteorological data and learnt about the practical challenges of commissioning them	
June'17	Summer Intern	RINL, Visakhapatnam
	Learnt about steel making processes & waste heat recovery systems	
	Analyzed workflow & suggested optimization of few bottlenecks	
Summer'16	Summer Intern	Century Rayon, Mumbai
	Investigated the "Heating Effects in Cake conditioning Rooms"	
	Studied TQM and DMAIC practices to address performance issues	

## Research and Projects

May-Dec'17	Advanced Materials for Energy Efficient Buildings	
	Studied the application of Phase Change Materials in buildings to reduce cooling load & energy usage across various geographies	
Jan-May'17	Design of Cleanroom for MEMS Fabrication	
	Optimized the control parameters of an ISO 5 Cleanroom using DOE methods & COMSOL5.1 (CFD) & validated results with Hemair SI Ltd.	
Jan-May'17	Interactive Creation of Splines	
	Formulated algorithms and built a GUI using Matlab to obtain splines and their respective blending functions for any given dynamic input	
Aug-Nov'16	Fabrication of Tabletop EDM Machine	
	Led a team of 8 students to design & build the product from genesis & achieved 20 micron erosion on AISI 1020 steel using brass electrode	
Aug-Nov'15	Critical analysis of Performance appraisal systems	
	Led a team of 8 students to survey & review the appraisal systems of NTPC and IBM to measure its influence on employee's work outputs	

## Achievements

Dec'17	Book Distribution Campaign
	Single handedly ran a campaign & sold over 150+ books within 3 days
Mar'17	First - VIKAS Soch Ideation Marathon
	Won 10k in cash for best social startup idea at Launchpad E-Summit
Mar'16	Runners Up - Ground Reality
	Won 12k in cash for the best B-Plan submission at Pearl 2017
Feb'10	Best All Rounder Award
	Ranked first across all campuses of school for all-round excellence
2010-11	Olympiads(School Level)
	GOLD Medals won at NSO(2011), NCO(2010) & IMO(2010))

## Electives and MOOCs

Electives	Reverse Engineering & Rapid Prototyping, Renewable Energy, Quality Control Assurance & Reliability, Project Appraisal, Public Policy, Principles of Management, HR Development, Fundamentals of Finance & Accounting, Srimad Bhagavad Gita
MOOCs	Introduction to R,SQL & Python Courses on Datacamp Currently pursuing Deep Learning Specialization on Coursera