Name : Vinit Mahendra Todai		Roll No. 1511116
Mobile No: 8976164430 **E-mail**: vinit.todai@somaiya.edu		BE
Computer Engineering		DOB:29/07/1997
K. J. Somaiya College of Engineering, Mumbai-77		

Examination	University/Board	Institute/College	Year	CPI
Graduation	Mumbai	KJSCE, Mumbai	2019(Expected)	8.43(upto Sem VII)
TE	Mumbai	KJSCE, Mumbai	2018	7.76
SE	Mumbai	KJSCE, Mumbai	2017	8.68
FE	Mumbai	KJSCE, Mumbai	2016	8.73
HSC	Maharashtra	MVM, Mulund	2015	84.31%
SSC	Maharashtra	LEMS, Mulund	2013	94.18%

KEY ACHIEVEMENTS

- Quarter Finalist at **IICDC** (India Innovation Challenge Design Contest 2018) for Project of "**Brain Controlled Wheelchair**" (Top 350 out of 10,146 teams)
- Qualified for **e-Yantra Ideas Competition** Stage 2 for the above project
- Qualified for **Natarajan Education Society** Innovation Awards (Top 50 out of thousands of projects)

INTERNSHIPS

RiiDL Ambassador‖ RiiDL   **April 2017-May 2018**
- Responsible for representing RiiDL at various events
- Connect RiiDL with the global community of Makers and entrepreneurs and help them leverage the RiiDL ecosystem.

POSITIONS AND RESPONSIBILITIES

Maker Relations Joint Officer ‖Maker Mela   **Aug. 2016 – Jan. 2018**
- Responsible for maintaining relations with Innovators all around the World
- Managing the Event consisting of 100+ Innovators and 50,000+ visitors from across the world

EXTRACURRICULAR ACTIVITIES

Social	**Volunteer, Facebook Social HackDay** **4th Dec., 2017**
	- Creating and Managing Blood Donation Events across India - An attempt at Guinness World Records
	Volunteer, ISRO Exhibition **30th Sept. - 1st Oct. 2016**
Sports	**Mumbai Suburban Karate Championship** **19th Dec. 2010**
	- Secured Gold Medal
	Maharashtra State Karate Championship **14-17 Jan. 2011**
	- Represented Mumbai at Balewadi Sports Complex,Pune
Others	**Winner, Hackathon 2.0 organized by VJTI Startup Cell and E-Cell 2-3 Feb.2019**
	Maker, Maker Mela 2019 organized by RiiDl **17-19 Jan. 2019**
	Participant, Makers Festival 2018 organized by producthunt.com **Nov 2018**
	Participant, Hack-IoT organized by BloomBox Kjsce **3-5th Nov. 2018**

TECHNICAL SKILLS	
Programming :	C, C++, Java, Python, Android, HTML5 / CSS, MatLab, R – programming, Prolog, AutoCAD
DB Technologies :	SQL/MySql
Platforms :	Windows, Linux, Android

ACADEMIC PROJECTS

BE Project : Brain Controlled Wheelchair for Disabled　　　June 2018 - Current
- Making a wheelchair which can be controlled by Brain waves to help the disabled people
- Acquiring the brain waves from EEG Headset and then using Machine learning to classify the signals
- Using these signals along with Eye Blink detection to control a wheelchair integrated with a Raspberry Pi

Brain Controlled Musical Lights　　　Aug.2018-Dec.2018
- Tuning the Lights and Music to the beats of our brainwaves

Brain Informatics using Deep Learning　　　Sept. 2016 – Dec. 2016
- Used the EEG headset to extract Brain Signals
- Classified the Workload on soldiers based on 3 categories (Baseline, Low Workload, High Workload) using various Machine Learning algorithms.

NLP Techniques for Information Extraction　　　Feb .2017 – Mar.2017
- Made a deep learning based automated system which can extract the most significant words from a set of paragraphs

College Portal for Students　　　Mar.2018 – May 2018
- Made an Online portal for Students where they can find all information regarding the Syllabus, Exam Time Tables, and class Notes

MineSweeper Game using JAVA　　　Aug.2016-Dec.2016
- Made MineSweeper game in JAVA with GUI

Online Food Ordering System　　　Aug.2017-Dec.2017
- Made an Online Portal where customers can select the items and place the order and Hotel owners can add new items

Lossy Compression of Digital Image using DCT　　　Mar.2018 – May-2018
- Designed a system which can compress the image at senders end and reconstruct the image at receivers end

Bluetooth Controlled Smart Robot　　　Aug.2018-Nov.2018
- Developed a Robot based on Raspberry pi controlled via Bluetooth based Android app