

## Contact

kumar.aatish2@gmail.com

www.linkedin.com/in/aatishkr  
(LinkedIn)  
aatishkumar.in (Portfolio)

## Top Skills

SolidWorks  
ANSYS  
Matlab

## Languages

English (Professional Working)  
Hindi (Native or Bilingual)

## Certifications

CS106A  
Duolingo German Fluency:  
Elementary (Estimated)  
Programming for Everybody (Getting  
Started with Python)

# Aatish Kumar

Mechatronics Engineer | aatishkumar.in Looking for opportunities  
Bengaluru

## Summary

I am a Designer and enjoy the challenge of developing innovative playground components and systems. I enjoy the process of bringing new products from concept to production while paying close attention to timelines and budgets.

I had worked on Formula student Germany and Baja Sae (Team Captain). Also i did my internship at NSYSU Taiwan as Research Assistant.

I am looking for an organization that focuses on working hard and having fun at the same time. If there is job opening matching my profile at your company i am more than willing to come for interview.

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## Experience

Tonbo Imaging  
Mechatronics Engineer  
November 2017 - May 2020 (2 years 7 months)  
Bengaluru Area, India

DronEPIC Automation Pvt. Ltd.  
Mechanical Design Engineer (Internship)  
September 2017 - October 2017 (2 months)  
Jalandhar, Punjab, India

Worked on design of quadcopter body using solidworks.

National Sun Yat-sen University  
Research Project Associate ( Internship )  
April 2016 - June 2016 (3 months)  
Taiwan

Worked on Development of Green Fuels with Multiple Components : My project was validation of experimental results of formation of Polycyclic aromatic hydrocarbon and soot during combustion of C4 (n-Butane, i-Butane, i-Butene and i-Butanol) fuels using CHEMKIN (Kinetic Modeling and DEM)

at Multi-scale Thermofluid Engineering Laboratory under the guidance of Dr. Kuang C. Lin.

## Defence Research and Development Organisation

### Research Intern

January 2016 - April 2016 (4 months)

New Delhi Area, India

I am currently working on Satellite Image Processing for Mapping of Unknown terrain at Defence Research and Development Organization, New Delhi. My major part of Internship is about writing codes in MATLAB for defining the Boundaries to new Terrain.

## Team Ultron, BAJA SAE Team

### Team Captain

August 2015 - December 2015 (5 months)

I honed my leadership skills through work distribution and overall handling and maintaining unity among team members. Designed chassis in ProE and done Simulation of various parts of our ATV.

## Team Fateh, FSAE Team

### Department Head

September 2013 - July 2014 (11 months)

Patiala

Worked on developing and manufacturing optimized Pedal assembly of Formula student car of TU using designing software Solidworks. Reducing space of Brake assembly by 56% by using master cylinder at an angle of 69 Degree. Also Optimized Design of Impact Attenuator using simulation software Abaqus and Ansys. Our team participated in Formula Student Germany, 2014. Honored by Dean for Team work at Team Fateh.

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## Education

### Thapar Institute of Engineering and Technology

Bachelor of Engineering (B.E.), Mechatronics Engineering · (2013 - 2017)