

# Rishabh Shukla

[http://about.me/rishabh\\_shukla](http://about.me/rishabh_shukla)  
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## EDUCATION

### GATE-2014

ELECTRONICS & COMM.  
90.89 Percentile

### BE IN ELECTRONICS & COMM.

2009-13| Gwalior, IN  
RJIT BSF Academy  
RGPV Bhopal  
Major GPA: 79.91

### KENDRIYA VIDYALAYA

82.20%| May 2009 | Mumbai, India

## LINKS

LinkedIn:// [RishabhShukla](#)  
Twitter:// [@Intelligeneer](#)  
Facebook://[RishabhShukla15](#)

## COURSEWORK

### PLANEX, PRL

Astronomy & Astrophysics  
Radiation Detection &  
Measurement  
Planetary Science

### UNDERGRADUATE

Control System  
Network Analysis  
Electronics Devices  
Digital Electronics  
Analog Circuits  
Signals & Systems  
Satellite Communication  
Electromagnetic Theory  
Antenna & Wave Propagation  
Digital & Analog Communication

## SKILLS

### PROGRAMMING

Over 500 lines:  
Visual Basic • Matlab • Linux Kernel •  
Over 100 lines:  
IDL • Java • Assembly  
Familiar:  
Visual Basic • Android • PLSQL

## EXPERIENCE

### PLANEX, PRL | PROJECT ASSOCIATE

May 2014 – Till date | Ahmedabad, IN

- Working on the **Radiation Detection & Measurement** Subsystem of SWATIS (Solar Wind & Thermal Ion Spectrometer) payload for **ISRO's Aadiya L1 Mission**

## INTERNSHIP

### CONTROL SYS FOR POLARIMETER | ASTRONOMY DIVISION, PRL

May 2013 – Aug 2013 | Ahmedabad, IN

- Developed a Linux Device Driver Program for the automation of Polarimeter being used by Astronomy & Astrophysics Division of PRL at Mt. Abu Observatory under the guidance of **Dr. Shashikiran Ganesh**

## PROJECT

### MICROWAVE INTERFEROMETRY | INST FOR PLASMA RESEARCH

Feb 2013 – March 2013 | Gandhinagar, IN

- Studied and subsequently performed experiments to determine electron density of fusion plasma using microwave interferometry under the guidance of **Dr. Satyanand Kar** ([satya@ipr.res.in](mailto:satya@ipr.res.in))

## WORKSHOPS & SCHOOLS

### MARS ORBITER MISSION | PRL AHMEDABAD

20-21 Aug 2014| Ahmedabad, IN

Got familiar with the 5 onboard payloads and their science objectives, followed with their telemetry and command system

### COMPUTATIONAL SCIENCE | SERC, IISc BANGLORE

25 Feb 2014| Bangalore, IN

Got introduced to the discipline of computational science, with an emphasis on its applications to real world problems & Got Oriented towards taking up research in computational science

## AWARDS

2013 Summer Reserach Fellow of **Indian Academy of Science**  
2009 Recipient of Prime Minister Scholarship for 3 consecutive years

## SOCIETIES

2011 Institution of Electronics and Telecommunication Engineers