KUMAR AYUSH

PERSONAL INFORMATION

Indian Institute of Technology, Bombay

email	cheekujodhpur@gmail.com
website	http://cheekujodhpur.github.io
phone	(M) +91 (946) 885 4691

GOAL

Gain fundamental experience in my area of interest and expertise.

WORK EXPERIENCE

FALL 2014	**Intern, AviPulse**

AviPulse

Created a web-based tool which can input a bird call and implement the developed sound processing algorithm to identify the bird species with probability.
Reference: Bhavin CHANDRANA *Contact available on request*

2014-Present	**Web Developer, GRUPPO LEOPARDO INC.**

Gruppo Leopardo

Develop and maintain two e-commerce websites for a Bomboniere selling company in Itlay.
Reference: www.gruppoleopardo.com · www.grandimagazzinibomboniere.it/

DEC 2013	**NIUS 2013 — HBCSE Mumbai**

NIUS 2013

"RXTE Studies: PCA Spectral Analysis for Spectral States in 4U 1630-47" A 10 day miniature project to boost motivation and experience in research.
Reference: Prof. Manojendu CHOUDHARY · *Contact available on request*

DEC 2012	**NIUS 2012 — IISER Mohali**

NIUS 2012

"Estimating Photometric Redshift using Machine Learning Techniques" A 10 day miniature project to boost motivation and experience in research.
Reference: Prof. Sajeeth PHILIP · *Contact available on request*

EDUCATION

2014-Present	**Indian Institute of Technology, Bombay**

Bachelor of Technology

CPI: 8.6 · *Engineering Physics*
Key Courses: Quantum Physics and Applications, Single and Multivariable Calculus, Electricity and Magnetism*, Linear Algebra*, ODE*
NOTE: *Starred courses will be completed by March 2015*

2012-2014	**Delhi Public School, Jodhpur**

Intermediate College

96% · *Computer Science Specialization* · Central Board of Secondary Education
Description: The subjects taught were Physics, Chemistry, Mathematics, English and Computer Science

COMPUTER SKILLS

Basic

Adobe Illustrator, Adobe Photoshop

Intermediate	MATLAB, R, PHP, SQL
Advanced	HTML5, CSS, JS, Python, C++

OTHER INFORMATION

Awards and Scholarships	2014	· School All Rounder Trophy
	2013	· Kishore Vaigyanik Protsahan Yojana(KVPY) Scholar
	2012,13	· Infosys Award for Excellence in Olympiads
	2010	· National Talent Search Examination(NTSE) Scholar

Olympiads and Competitions	2015 ·	Runner up at Microsoft Hackathon code.fun.do amongst 52 teams
	2013 ·	7th IOAA, Greece: Silver Medal
	2012 ·	17th International Astronomy Olympiad, Korea: Silver Medal
	2011 ·	SOF IMO: AIR 29

Languages	HINDI ·	Mothertongue
	ENGLISH ·	Advanced (fluent)
	SANSKRIT	
	SPANISH ·	Basic (simple words and phrases only)
	GERMAN	

Interests	Travelling · Cooking · Cycling · Gaming · Reading · Coding

January 26, 2015