

Prashant Sinha

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<http://prshnts.in>

Research Interest

My primary research interest is in Machine Learning, Data Science, Systems Biology, and Bio Inspired Systems. The scope of my current projects also include Pervasive computing, Reality Mining, and Computer Vision.

Research Experience

Laboratory for Pattern Engineering

Undergrad Research • Research Associate
February 2014 - Present

Worked to build a classification system for geospatial features between texts originated in different continents. Publication for this work has been Submitted. Currently working to develop an interactive web based tool that can help people to understand their dynamic network in a social system. **Project LNK** (<http://veritasinq.ducic.ac.in/>)

University of California, Santa Cruz & Stanford

Aspiring Researcher Challenge • Research Associate
January 2015 - May 2015

As a research associate, I was part of the team which was responsible for developing a large, online experiment, to create different modules to study the wisdom of the crowd in various domains.

Work Experience

Survaider

Developer • New Delhi
January 2015 - Present

- As the lead developer, my job here is to design the API, and build a web platform.

IamSME of India, PHD Chamber of Commerce and DUCIC E-Business circuit

Summer Intern • New Delhi
June 2014 - August 2014

- Developed an open source and modular Enterprise Resource Planner framework and API sub system.
- Managed various administrative activities, such as task allotment of other teams in the projects as well as monitoring the progress.

Autonomi, Cluster Innovation Centre

Social Media Manager • New Delhi
September 2014 - Present

- Responsibilities includes maintainance and development of the web portal, website and online presence of the organization.

Certifications & Workshops

2014	World Skills India	Represented my institution in WSI Mobile Robotics competition. Selected for the Nationals.
	Robotics Bootcamp	Delivered a Robotics Workshop on Arduino based devices to School and College students.

Education

UNIVERSITY OF DELHI

B.Tech. (IT & Mathematical Innovations)
Cluster Innovation Centre,
May 2017 • Delhi, India

Links

GitHub: @prashnts
Keybase: @prashnts

Skills

PROGRAMMING

Common Dev:

Python • Ruby • Embedded C

Creative Dev:

CSS • Arduino • TK • Processing • Swift

Web Dev:

JavaScript • PHP • HTML

Database:

Redis • MongoDB • Hadoop • MySQL

Sci Computing:

Mathematica • Scikit • R

Others:

Unix Shell

FRAMEWORKS & PLATFORM

Ruby on Rails • iOS • Angular JS • Git

HARDWARE

Architecture

Atmel AtMega Series • ARM • PIC

Misc

Sensor Interface • PCB Design • PCB Prototyping

GRAPHICS AND DESIGNING

Illustration • Computer Aided Modelling • Digital Drawing • Logo and Branding • Publishing