

# Devansh Manu

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## EDUCATION

### International Institute of Information Technology

Hyderabad, India

B.Tech (Hons) in Computer Science

MS by Research in Computational Humanities

2015-2020

## EXPERIENCE

### Technology Summer Intern

June 2019 - Aug 2019

American Express, UK

Worked with MGM R&D team to build an internal tool for text summarisation using transfer learning. Gained a complete agile product experience with back-end development, front-end development, UX, product planning, design sprints, user-testing, alpha-testing and product pitches.

### Research Intern

June 2018 - Aug 2018

Indian School of Business, Hyderabad

Coordinated inter-domain analysis of VC firms & patents filed in India using data extracted through LinkedIn, VCC Edge & IP India.

### Data Science Intern

June 2017 - July 2017

Lumata Digital, Noida

Implemented an n-gram sentiment analysis on search text based on username or hashtag that led to over 80% accurate sentiment detection of text and emoticons.

### Software Engineering Intern

Aug 2016 - Dec 2016

Authbase, Hyderabad, a NASSCOM 10K Startup

Fabricated the admin interface for the vulnerability search engine. Optimized the breadcrumb model to streamline the user navigation and reduce bounce rates to around 30%.

### Teaching Assistant

Aug 2017 - May 2019

IIIT: IT Workshop 1, IT Workshop 2, Big Data & Policing

NPTTEL: Privacy and Security in Online Social Media

Mentored 900+ undergraduate students, teaching them scripting, web frameworks, data science & application security.

### Web Administrator

July 2018 - July 2019

IIIT, Hyderabad, Prof. Abhijit Mitra

Orchestrated the overhaul of UI/UX of various websites. Implemented migration from Plesk to Django & Wordpress.

## SKILLS

### Programming & Scripting:

C/C++, Python, JavaScript, R, PHP

### Web Technologies:

React, Gatsby, GraphQL, Web2py, NodeJS, HTML5

### Others:

UX, Agile, Sketch, SQL, Git, Selenium, MVC, SDLC, Linux, Lucene, BaseX, OpenGL3, Ontology, Web 3.0, Leadership

## PUBLICATIONS

Manu D., Krishnan R., Kumaraguru P., "Exploring Shifts in Online Political Discourse: A Study of the 2014 and 2019 National Elections in India", Annual Conference of the European Association of Political Science (EPSA), Prague, June 18-20, 2020

Manu D., Krishnan R., Kumaraguru P., "Analysing how the Shift in Discourses on Social Media affected the Narrative around the Indian General Election 2019", International Conference on Research in Social Sciences, Vienna, November 03-05, 2019 [\[Link\]](#)

## MAJOR PROJECTS

### 2019 Indian Elections in the Online Space

Oct 2018

Designed a real-time visualization portal for the Indian General Elections 2019 that provides analysis through Data Science tools as well as sociological methods to study the various discourses around the elections on Twitter. [\[Link\]](#)

### 2017 Gujarat Elections in the Public Space

Apr 2018

Analyzed the discourses on print and social media to find drastic deviance in public opinion about the topics discussed over the two mediums. [\[Link\]](#)

### Location-based Privacy on Strava

Nov 2018

Developed an App that predicts the address of a user (within a 50m radius) through their publicly shared routes on the fitness social network - Strava [\[Link\]](#)

### Improving Parsing Using Distributional Semantics

Aug 2017

Improved capabilities of a traditional CYK Parser to handle unknown words using distributional semantics. [\[Link\]](#)

## ACHIEVEMENTS

2019	Dean's List	IIIT-H
2018	Merit List	IIIT-H
2017	IIIT E-Cell Hackathon	Amazon
2015	Pratibha Scholarship	Aditya Birla Group
2015	Student of the Year	G.G. International School
2014	South Asian Finalist	Horlicks Wizkids
2013	Kaladeep Scholarship	G.G. International School

## POSITIONS OF RESPONSIBILITY

2018	IIIT-H	Student Placement Coordinator
2018	IIIT-H	Apex Member
2017	IIIT-H	Academic Help Cell Coordinator
2016	IIIT-H	Cultural Representative
2016	IIIT-H	Constitution Drafting Committee

## SOCIAL CAUSE

**Vaatsalya** :Against Child Sexual Abuse | [Founder](#)

**Vidyaashram** : People's Knowledge Movement | [Volunteer](#)