

# Pankhuri Kumar

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## LINKS

Twitter: @pankhurikumar23  
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## SKILLS

### Programming

C • C++ • Python • Git •  $\text{\LaTeX}$

### Web Design

Javascript • HTML • CSS • P5

### Analytics

SQL • Matlab • R • REST APIs

### Multimedia

Adobe Audition • Adobe Lightroom & Photoshop

### Languages

English • Hindi • Spanish

## COURSEWORK

### GRADUATE

Beat Reporting  
 Data Visualization  
 Investigative Techniques  
 Introductory Databases

### UNDERGRADUATE

Data Structures & Algorithms  
 Databases  
 Machine Learning  
 Information Retrieval

## AWARDS

### 2016

2nd place - GE Digital Interns  
 Hack-a-thon

### 2012

99.9 percentile - CBSE Merit Certificate  
 in Physics

### 2012

99 percentile - Inspire Scholarship for  
 Higher Education by Govt. of India

## REFERENCES

On request

## EDUCATION

### COLUMBIA UNIVERSITY | DUAL M.S. IN JOURNALISM & CS

Expected May 2019 | New York, USA | GPA: 4.0 / 4.0 (current)

- Includes multimedia & computational journalism, data analysis & web design.
- Covered the Sikh community beat, writing about a **South Asian club empowering youth through sports**, **langar in Sikh temples in US** & non-fiction narrative on **gender discrimination in the workplace**.
- Completed modules on investigative journalism techniques, AI & machine learning for personalization. Currently learning UI design & photography.

### BITS, PILANI | B.E. COMPUTER SCIENCE & M.Sc. MATHEMATICS

2017 | Rajasthan, India | GPA: 8.1 / 10.0

## EXPERIENCE

### GOOGLE FELLOW | PEW RESEARCH CENTER

Jun 2018 – Present | Washington, D.C.

- Chosen from 1800 applicants for the **Google News Initiative Fellowship** to work at the intersection of journalism and technology.
- Will examine news use on mobile devices and how Americans search for news on Twitter using Python and Django.

### REPORTER | STEP UP MAGAZINE

Jan 2018 – Jun 2018 | Online, USA

- Covered the Science, Technology, Environment & Education beats for the magazine. Led the **"What You Missed This Week"** column by compiling & summarizing major national & international headlines of the week for readers.

### DIGITAL INTERN | GE DIGITAL

Jan 2017 – Jun 2017 | Bangalore, India

- Augmented dashboard with asset visualization for improve project visibility using Javascript, HTML & CSS.
- Enhanced the Pune multi-modal plant's assembly line scheduler & improved performance by 40%.

### EXECUTIVE MEMBER | SOCIETY FOR STUDENT MESS SERVICES

Jan 2014 – May 2015 | Pilani, India

- An independent student body, registered with Govt. Of India, serving 4000+ students & handling 180+ employees with a turnover of INR 120 million
- Was Governing Council member, responsible for managing end-to-end functioning of the mess, including menu-planning, maintaining quality & hygiene standards, employee related mechanisms & agreement renewals with Sodexo

## PROJECTS

### INDIA'S CASE FOR WOMEN EMPOWERMENT | P5, JAVASCRIPT

Apr 2018

Visualized a story using data from the National Family Health Survey-4 to argue the importance of women literacy, awareness and empowerment in lowering infant mortality rate in India. Demo [here](#).

### OKTAVE | PYTHON, FLASK, GOOGLE APP ENGINE

Jan 2018 – Apr 2018

A **web application** to find songs with particular tempo and key. Built and deployed the app that recommends music to the user, based on features of the searched music.