

Pankhuri Kumar

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LINKS

Twitter: @kumar_pankhuri
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SKILLS

Programming

C • C++ • Python • Git • \LaTeX

Web Design

Javascript • HTML • CSS • Polymer

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 Artificial Intelligence, currently learning investigative journalism techniques, software engineering & advanced machine learning.

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%

SOFTWARE INTERN | QUADRATIC INSIGHTS

Jun 2015 – Jul 2015 | Hyderabad, India

- Developed a tool prototype that helps businesses grow by exploring customer behavior over social media platforms like Twitter & Facebook
- Worked with REST APIs to aggregate public information & adapted Python NLTK & Stanford NER to analyze and recognize customer interests

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.