HARLEEN KAUR GULATI

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Profile Summary

- A total of 4+ years' work experience in research and development
- Exposure to Machine learning & Deep learning models (Generative Adversarial Networks)
- Equipped with web application development skills in Django
- Extensive knowledge of working on Joomla and WordPress themes customization
- Experience in Big Data analysis using Hadoop Ecosystem with HDFS, Pig, Hive and Sqoop on Linux
- Practical understanding of data structures, C++ and PHP

Work Experience

- Senior Research Fellow in Department of Computational Biology, Indraprastha Institute of Information Technology, Delhi (February, 2021- Present)
- Computer Programmer in Division of Nutrition at Indian Council of Medical Research (May 2019- February, 2021)
- Programmer at ICMR-National Institute of Medical Statistics, Ansari Nagar, New Delhi (November 2018– May 2019)
- Web Developer at E-Curious Minds Technologies, Noida (January 2018 – November2018)
- Computer Programmer at WHO FCTC Global Knowledge Hub on Smokeless Tobacco, ICMR-National Institute of Cancer Prevention and Research, Noida (December 2016 – November2017)
- Software Developer at Micron Soft Corporation, Noida (July 2016 – December2016)

Technical Skills

- **Programming Languages:** Python, PHP, C++
- **Web Technology:** Django, WordPress, Joomla, HTML5, CSS3, JavaScript, jQuery, Ajax
- **Tools:** Anaconda, Atom
- **Hadoop Ecosystem:** Map Reduce, Pig, Hive, Sqoop, HDFS
- **Designing Tools:** Adobe Photoshop CS6, Dreamweaver
- **Databases:** MySQL
- **Environments:** Mac OS, Microsoft Windows, Linux

Publications

Books/Monographs Published
- Global Smokeless Tobacco Control Policies and Their Implementation

Papers Published
- **Gulati HK**, Kumar A, Dhama AS, Gupta R, Sharma AK, Singh H, Sinha DN, Mehrotra R: Setting Research Priorities in Smokeless Tobacco Control: A Retrospective Review. **Indian J Med Res.** 2018;148:103-109 **DOI:**10.4103/ijmr.IJMR_80_18

- Sinha DN, Kumar A, Gupta R, **Gulati HK**, Gupta S, Mehrotra R: Implementation of Article 20 of the WHO FCTC. **Indian J Med Res**

Projects

1) **An Automated System to Identify the Cause of Death in Rural and Urban Areas**
   - **Tools & Technology:** Linux, R, Python

2) **Data Analytics on Semi Structured Data of Smokeless Tobacco**
   - **Tools & Technology:** XML, PHP, MySQL, MS Excel, Cytoscape

3) **WHO FCTC Global Knowledge Hub On Smokeless Tobacco Website**
   - **Tools & Technology:** Wordpress, HTML, CSS
   - **Link:** http://untobaccocontrol.org/kh/smokeless-tobacco/

4) **ICMR-National Institute of Cancer Prevention & Research (ICMR-NICPR) Website**
   - **Tools & Technology:** Joomla, Adobe Photoshop, HTML, CSS
   - **Link:** http://nicpr.res.in/

5) **India Battles Cancer Website**
   - **Tools & Technology:** Joomla
   - **Link:** http://cancerindia.org.in/

6) **Online Food Court Portal**
   Description: The main purpose of this website is to provide online food order services to the customers. The website was designed using Visual Studio 2010 and SQL server 2008 at the backend.
   - **Environment:** ASP.Net

Training and Internship

- Training on Big Data using Hadoop (February 2018 – April2018).

- 6-month internship at Indian Council of Medical Research (ICMR), New Delhi (January 2016 – June2016).

Educational Qualification

Qualification	Institute	University/Board	Year of Passing
M.Sc. (Computer Science)	Banasthali Vidyapith	Banasthali Vidyapith	2016
B.Sc. (hons.) Computer Science	Shyama Prasad Mukherjee College	University of Delhi	2014
Senior Secondary	S.S. Mota Singh Sr. Sec. School	CBSE	2010
Secondary	S.S. Mota Singh Sr. Sec. School	CBSE	2008