Poonam Kumari

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EDUCATION

UNIVERSITY AT BUFFALO PhD in Computer Science
Expected July 2021 | Buffalo, NY

UNIVERSITY AT BUFFALO MS in Computer Science
June 2018 | Buffalo, NY

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE MS in Software Systems
December 2013 | Rajasthan, India

TECHNICAL SKILLS

LANGUAGES Python

EXPERIENCE

TESCO HINDUSTAN SERVICE CENTER | Functional Analyst
September 2013 – August 2015 | Bangalore, Karnataka, India

- Impact assess bank changes and take them through to delivery
- Resolved incidents impacting customers
- Worked towards improving the services provided to customers

TESCO HINDUSTAN SERVICE CENTER | Senior Software Engineer
August 2010 – August 2013 | Bangalore, Karnataka, India

- Developed .Net and SQL related applications
- Resolved day-to-day issues and found root causes for permanent solutions
- Developed tools to ease routine activities

RESEARCH

UB ODIN LAB | Research Assistant
August 2015 – Present | Buffalo, NY

- Conduct interviews with data analyst/users to understand the pain points in data management cycle.
- Formulate research problems based on interviews.
- Collect data through Institutional Review Board (IRB) approved user studies on Amazon Mechanical Turk.
- Use statistical tests to analyze the data and incorporate the feedback/results in existing data curation tools.

PUBLICATIONS

| Loki: Streamlining Integration and Enrichment
2020 | HILDA, Portland, OR
William Spoth, Poonam Kumari, Oliver Kennedy and Fatemah Nargesian

| Make Informed Decisions: Understanding Query Results from Incomplete Databases
2019 | PhD Workshop at VLDB, Los Angeles, CA

| The Good and Bad Data
2018 | North East Database Day at MIT, Boston, MA
Poonam Kumari and Oliver Kennedy

| Communicating Data Quality in On Demand Curation
2016 | Proceedings of the 11th VLDB Workshop on Quality in Databases, New Delhi, India
Poonam Kumari, Oliver Kennedy, and Said Achmiz