Swapnil Gandhi

Indian Institute of Science, Bangalore

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EDUCATION

Indian Institute of Science, Bangalore, India

- Masters in Computer and Data Systems — Jul 2017 – Present
  - Adviser: Prof. Yogesh Simmhan
  - Focus: Distributed Temporal Graph Processing
  - Cumulative GPA: 9.2 / 10.0

Bharati Vidyapeeth, Pune, India

- Bachelors in Computer Science and Engineering — Jul 2010 – Jun 2014
  - Graduated with College Honors
  - Grade: First Class with Distinction

INDUSTRY EXPERIENCE

PubMatic, India

- Big Data Operations Developer — Jun 2014 – Jul 2016
  - Worked on design and implementation of reporting and ad-hoc data processing pipelines to work with several hundreds of TeraBytes of raw data flowing through PubMatic platform
  - Focus: Big Data Analytics

RESEARCH EXPERIENCE

TATA Research Development and Design Center, (TRDDC), India

- Research Intern — Sep 2013 – Apr 2014
  - Project: Mutation Testing Tool for C Program
  - Supervisors: Prasad Bokil, Ulka Shrotri, R. Venkatesh

PUBLICATIONS

POSTER

[1] S. Gandhi, and Y. Simmhan, "From 'Think Like a Vertex' to 'Think Like an Interval'," *Young Researcher's Symposium* at ACM India Joint International Conference on Data Science and Management of Data (6th ACM IKDD CoDS and 24th COMAD), Kolkata, India, Jan 2019.

[2] S. Gandhi, S. Sarkar, A. Sharma, and Y. Simmhan, "Distributed Querying over Compressed Property Graphs," *Student Research Symposium* at 24th IEEE International Conference on High Performance Computing, Data and Analytics (HiPC), Jaipur, India, Dec 2017.

TEACHING

DS 256: Scalable Systems for Data Science — Jan 2019
  As GSI with Prof. Yogesh Simmhan

AWARDS & FELLOWSHIPS

- Best Student Research Symposium Poster, HiPC, Jaipur, India — Dec 2017
  SRS Chair : Prof. Ashok Srinivasan, Prof. Kishore Kothapalli

- Department Honors, Bharati Vidyapeeth, Pune, India — Jun 2014
  For outstanding academic performance (Batch 2010 – 2014)

- TCS Popular Student Project, Bharati Vidyapeeth, Pune, India — May 2014

- Best Undergraduate Project Award, TRDDC, Pune, India — Apr 2014
  For "Mutation Testing Tool for C Programs" at TRDDC Annual Students Day

SERVICE & LEADERSHIP

- Web Chair, Doctoral Symposium ICDCN 2019, Bangalore, India — Aug 2018 – Jan 2019

SKILLS

Java, Scala, C, C++, Python, LaTeX

[CV compiled on 2018-12-25]