

KATHIRMANI SUKUMAR

Data Scientist

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Summary

- Like to be part of a data science team where I can learn and showcase my analytics skills
- Approximately six years experience in data analytics
- Working experience in Python, MATLAB, D3
- Published an international paper in MFL data compression

Experience

Gramener Technologies (Data Scientist)

May 2012 to present

- Getting insights & turning data in to meaningful visualizations to solve business problems
- Developing analytical engine using python as a part of product development
- Worked along with Economic Times team during 2014 parliamentary elections and published analysis
- Good in descriptive analytics

IIT Madras (Project Associate)

Jun 2009 to Feb 2012

- Developed an algorithm to automatically detect patterns from the non-destructive testing data using digital signal processing and statistics
- Developed an online compression algorithm for MFL signals. This work was published in NDT&E International Journal (http://skathirmani.com/resources/mfl_ndt.pdf)
- Attended courses in Time series analysis and digital signal processing

Software Skills

- Python: Pandas, NumPy, BeautifulSoup
- MATLAB: Signal Processing, Wavelet, Simulink, GUIDE
- D3: Network diagrams, Treemap, Barchart, and Linechart
- R: Time Series Analysis, Decision Trees
- HTML, CSS, JQuery, PhantomJS, Nginx

Education

- Bachelor's Degree in Electrical and Electronics Engineering from Rajalakshmi Engineering College, Affiliated to Anna University, Chennai with 76% (2005 - 2009)
- Secured 83.75% and 91.6% in H.S.S.C (2005) and S.S.L.C (2003) respectively from Don Bosco Hr. Sec. School, Perambur, Chennai