

## Anup Kumar

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CONTACT	14 Am Bischofskreuz 79114 Freiburg, Germany	+49-1522-6169-642 <a href="mailto:anup.kumar@uranus.uni-freiburg.de">anup.kumar@uranus.uni-freiburg.de</a> <a href="mailto:anup.rulez@gmail.com">anup.rulez@gmail.com</a>
INTERESTS	Machine and deep learning, information retrieval, text and graphical data analysis, mathematical programming.	
EDUCATION	<b>University of Freiburg</b> , Freiburg, Germany  Master in Computer Science, April 2015 - July 2018 ( <i>expected</i> ) <ul style="list-style-type: none"><li>• Thesis: Predict nodes in directed graphs and find similarity in graphs and text for a recommendation system using text mining and machine and deep learning approaches - gradient descent, backtracking line search and neural networks.</li></ul> Master project at Brain-state decoding lab September 2017 <ul style="list-style-type: none"><li>• Topic: Data augmentation in brain-computer interfaces (Brain-signal classification) using regularized linear discriminant analysis, principal (PCA) and independent component analysis (ICA).</li></ul> <b>National Institute of Technology</b> , Kurukshetra, India  Bachelor of Technology, Information Technology, July 2010	
WORK EXPERIENCE	<b>Research Assistant (Open-source developer)</b> Bioinformatics and Galaxy Dept. of Computer Science, University of Freiburg	May 2016 to present
	<b>Senior Software Developer</b> Pramati Technologies, Hyderabad, India	Dec. 2012 - March 2015
	<b>Software Developer</b> MAQ Software Hyderabad, India	July 2011 - Dec 2012
	<b>Software Developer</b> ProcessMAP, Hyderabad, India	July 2010 - June 2011
GITHUB	Programming at GitHub	
PROGRAMMING	Python, Matlab, JavaScript, HTML5, CSS3, MS SQL Server, SQLite, C-sharp	
SOFTWARE AND PLATFORMS	Ubuntu, NEMO Cluster (High-performance computing), Scikit-Learn, TensorFlow, Pandas, Visual Studio, Github, SVN, Team Foundation Server	
HOBBIES	Photography and Writing	