

Anup Kumar

CONTACT	14 Am Bischofskreuz 79114 Freiburg, Germany	+49-1522-6169-642 anup.kumar@uranus.uni-freiburg.de anup.rulez@gmail.com
INTERESTS	Machine and deep learning, information retrieval, text and graphical data analysis, mathematical programming.	
EDUCATION	University of Freiburg , Freiburg, Germany Master in Computer Science, April 2015 - July 2018 (<i>expected</i>) <ul style="list-style-type: none">• 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. Master project at Brain-state decoding lab September 2017 <ul style="list-style-type: none">• Topic: Data augmentation in brain-computer interfaces (Brain-signal classification) using regularized linear discriminant analysis, principal (PCA) and independent component analysis (ICA). National Institute of Technology , Kurukshetra, India Bachelor of Technology, Information Technology, July 2010	
WORK EXPERIENCE	Research Assistant (Open-source developer) Bioinformatics and Galaxy Dept. of Computer Science, University of Freiburg	May 2016 to present
	Senior Software Developer Pramati Technologies, Hyderabad, India	Dec. 2012 - March 2015
	Software Developer MAQ Software Hyderabad, India	July 2011 - Dec 2012
	Software Developer 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	