Rao Muhammad Umer

engr.raoumer943@gmail.com +92 336 7675246
http://raoumer.github.io Sahiwal, Punjab,
Pakistan.

Education

Nov 14 - Oct 16	**MS in Computer Science**, *Pakistan Institute of Engineering and Applied Sciences*, Nilore, Islamabad, Pakistan. Area: Computational Intelligence and Machine Learning Cgpa: 3.45/4.0
Sep 10 - Oct 14	**BSc. in Computer Systems Engineering**, *The Islamia University of Bahawalpur*, Bahawalpur, Pakistan. Major Subjects: Parallel and Distributed Computing, Image Processing Cgpa: 3.82/4.0
Sep 08 - Sep 10	**FSc. in Pre-Engineering**, *Government Post Graduate College*, Sahiwal, Pakistan. Major Subjects: Mathematics, Physics, Chemistry Percentage average: 86%, 943/1100 Marks.
Mar 06 - Aug 08	**Matriculation in Science**, *Lasani Public High School*, Sahiwal, Pakistan. Major Subjects: Mathematics, Physics, Chemistry, Biology Percentage average: 92%, 783/850 Marks.

Research Interests

Data Science, Machine Learning, Deep Learning, Natural Language Processing, Information Retrieval and Data Mining, High Performance Computing.

Research Experience

Jun 16 - Oct 16	**MS Thesis**, *Pakistan Institute of Engineering and Applied Sciences*, Islamabad, Pakistan. Deep Content Extractor: Content Discovery From Deep Web Using Large Scale Data Analytics Paradigm
Sep 13 - Sep 14	**Technical Report**, *The Islamia University of Bahawalpur*, Bahawalpur, Pakistan. Spam Filtering System: Malicious Email Detection and Filtering System Using Bayesian Machine Learning Algorithm

Talks

Feb 16	**Implementation of Linear Regression and Multi-variate Regression on GPU**, *GPU Computing Workshop, Pakistan Institute of Engineering and Applied Sciences*, Islamabad, Pakistan.

Open Source Projects

docWebClf	Documents and Webpages Classification.	http://raoumer.github.io/docs_classification
regrGPU	Linear/Multiple Regression on GPU.	http://raoumer.github.io/GPU-Workshop-PIEAS-2016

Honors and Awards

Nov 14	**PIEAS Scholarship by PIEAS IT-Endowment Fund**,*sponsored by Higher Education Commission(HEC) for MS Computer Science.*
Sep 10	**Fully Funded National ICT Scholarship**, *by National ICT R and D Fund for BSc. Computer Systems Engineering.*
Jun 11 - Jun 14	**Position Scholarship**, *by University College of Engineering and Technology, The Islamia University of Bahawalpur for excellent academic performance throughout undergraduate degree.*
Sep 10	**Merit Scholarship**, *by Punjab Educational Endowment Fund(PEEF) for excellent academic performance in higher secondary school examination.*
Oct 08	**Merit Scholarship**, *by Multan Board of Intermediate and Secondary Education for excellent academic performance in secondary school examination.*
Aug 06	**Merit Scholarship**, *by Multan Board of Intermediate and Secondary Education for excellent academic performance in District level school examination.*

Voluntary Work

Sep 12 - May 14	**Member**, *Blood Donating Society*, The Islamia University of Bahawalpur, Bahawalpur, Pakistan.
Nov 08 - May 10	**Decision Committee Member**, *College Gardening and Other Infrastructure Maintenance*, Govt. Post Graduate College, Sahiwal, Pakistan.

Skills

Languages	• Urdu: Native	• English: Fluent
Hobbies	• Cricket	• Reading Historic Books
Programming	Python, C/C++, Java.	
Scientific Software	Theano, Scikits-learn, Scipy, Numpy, IPython, Pandas, Anaconda Python, Latex.	
Computer Skills	Experienced in managing Linux and Windows systems.	

References

Dr. Muhammad Abid Mughal
Department of Computer Science,
Pakistan Institute of Engineering and
Applied Sciences,
Nilore, Islamabad, Pakistan.
✉ mabidm@pieas.edu.pk

Dr. Asifullah Khan
Department of Computer Science,
Pakistan Institute of Engineering and
Applied Sciences,
Nilore, Islamabad, Pakistan.
✉ asif@pieas.edu.pk

Dr. Fayyaz-ul-Amir
Department of Computer Science,
Pakistan Institute of Engineering and
Applied Sciences,
Nilore, Islamabad, Pakistan.
✉ afsar@pieas.edu.pk