Muhammad Ali

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Waldhausweg 6, Saarbrücken, Germany

Interests

Machine learning, social networks, deep learning, statistical natural language processing, recommender systems.

Education

2016–Present | **Pursuing MS in Computer Science, Saarland University**
Saarbrücken, Germany

GPA 1.7/5.0
Graduate Coursework: *Graphical Models, Machine Learning, Social Networks*

2011–2015 | **BS in Computer Science, National University of Computer & Emerging Sciences (NUCES)**
Lahore, Pakistan

GPA 3.46/4.0 (95th percentile)
Thesis: *Politeness Classification in Online Community Requests using Recursive Neural Networks*

Work Experience

2015-2016 | **Backend Engineer, Patari Music**
One of the startup's earliest hires.
Built the foundation for the music platform's social features; constantly maintained and added new features to the backend API.

2015 | **Teaching Assistant, NUCES**
For the Introduction to Computing course in Fall 15.
Helped design and grade assignments; conducted programming tutorials to help freshmen.

2013 | **Research Intern, Lahore University of Management Sciences**
In the Neighborhood for Emerging World Technologies lab.
Worked on feature extraction from online newspapers for predicting malaria outbreak severity. Maintained disease surveillance systems developed in collaboration with the provincial government.

2012 | **Curriculum Development Intern, CARE Foundation Pakistan**
Volunteered with the NGO to develop teaching techniques for public schools. Wrote several lecture plans for primary level mathematics and English.

Skills

Python, JavaScript, C, C++, Java, MATLAB, R, Node.js, MongoDB, SQL
Writing; both technical and non-technical