Debjit Paul

Experience

Oct.2016–
Nov.2016

Research Assistant, *Foundation of Exact Algorithm*, Saarland Univesity.
- Implementing Algorithm to generate Graph using Python, Shell Scripting {*https://github.com/axeven/hiwi-pace*}

Nov.2015–
Feb.2016

Research Assistant, *Machine Learning Group*, Saarland Univesity.
- Information Retrieval for preparing Arxiv Data Set using Python Script, Shell Scripting
- Concept utilized are NLP, Information Retrieval

April 2015–
July 2015

Student Research Assistant, *Information and Services Systems*, Saarland University .
- Developing features in OntoUML using Java Eclipse;
- Designing Information Systems based on Conceptual Models in Protege

Education

2014–Present

MSc. Computer Science, *Saarland University*, Saarbrücken,Germany, *Grade-Yet to be given*.

Thesis

Multitasking Learning with unreliable labels
- Design a model to make artificial labels more reliable for Neural Networks
- Concept utilized are NLP, RNN, BiLSTMs, EM algorithm
- Using Deep Learning framework mainly involving bi-recurrent neural networks for POS tagging, Chunking and NER tagging

2010–2014

B.Tech in Computer Science, *GuruNanak Institute of Technology*, Kolkata,India, *Grade-8.73/10*.

Thesis

Improved Algorithm for Human and non Human Object Detection

Subject Known

Machine Learning, Neural Networking, Artificial Intelligence, Statistical Learning, Convex Analysis and Optimization, Data Mining and Matrices, Topics Algorithm in Data analysis, Statistical Natural Language Processing, Image Processing and Computer Vision

Publication

Title

Numerical Comparison of multi-step iterative methods for finding roots of non-linear equations, *International Journal of Mathematics Trends and Technology- Volume4 Issue 8-September 2013 [ISSN: 2231-5373]*.

Internships

July2013– **Summer Intern**, *National Council for Vocational Training*, Kolkata.
August2013 Project : Online Art Share Gallery
- Designed and developed online portal for artists to display their art and share it with other artists;
- Conceptualized and designed separate visitor and artist profiles with separate profile access facilities

Technical skills

Language Python, Matlab, R, Shell Scripting, C
Concepts Machine Learning , Statistical Learning, Data Mining
Tools Eclipse, Pycharm, Matlab

Languages

English **Proficient**
German **Basic**
Bengali **Mother Tongue**
Hindi **Proficient**

Achievements

- Finalist in United Minds 2011-2012, IIM Bangalore , Vista United World School of Business

Hobbies

- Playing Football
- Playing Cricket
- Photography

References

Name Prof.Dr.Dietrich Klakow
Designation Head of Group, Spoken Language System, Saarland University
Contact dietrich.klakow@lsv.uni-saarland.de

Declaration

- I hereby declare that all the details furnished above are true to the best of my knowledge and belief