



Deepansh Pandey

Masters Student | Former Software Developer | Python and R Programmer | AI Researcher and Engineer

Objective

To obtain an executive AI/Data Science engineer position within a company. I want to apply my skills to an environment where they will make a significant impact on society. I have good knowledge of many industry-leading software applications and various programming languages.

Skills

- **Proficient**
 - Python
 - R
 - SQL
 - HTML5
 - APEX5
 - CSS3
- **Intermediate**
 - Java
 - JavaScript
 - Machine Learning
 - Deep Learning
 - Scala
 - MATLAB
 - Data Science
- **Beginner**
 - Visual Basic

Experience

Generali Deutschland December 2018 – Present

Data Science Student Trainee

- Fraud Claim Detection using Machine Learning models
- Semantic Classification in Datathon 2019
- Sentiment Analysis of customer emails
- Anomaly Detection and Clustering
- Bodily Injury Detection in Motor Crash Dataset

NIIT Technologies Limited July 2016 – August 2017

Software Developer

- Projects during training using **PL/SQL**, **Spring MVC** and **hibernate Framework**
- Technical support for 6 applications
- Migration of VBA code to **Java**
- Automatic Invoice Generation using Oracle Application Express **APEX5**
- Awarded with **Outstanding Performance Award**
- Awarded with **Certificate of Appreciation**

Education

Rheinische Friedrich-Wilhelms-Universität

Master Computer Science October 2017 – Present
Specialization in Intelligent Systems to enhance my skills to solve analytical & practical problems in the field of Artificial Intelligence.

Amity University August 2012 – May 2016

Bachelor of Technology, Computer Science

Good knowledge of core Computer science technologies theoretically (Data Structures, OOPS, DBMS, Operating Systems, Computer Networks) and practically through multiple projects in C++, Java, SQL participating in various workshops

Projects

- Mail Authenticator and Assorter in Java (Amity University)
- Furnished room in OpenGL (University of Bonn)
- Tic Tac Toe Game and Breakout implementing machine learning algorithms and analysis to find highest scoring controller in Python (University of Bonn)
- Bike Sharing Dataset analysis using R (University of Bonn)
- AIS dataset - noise removal (Mobility Data Analytics workshop)
- Self-Driving Car Module – Python (Udemy)
- Autoencoders on Movie Lens Dataset (Udemy)

Personal Traits

- Discipline
- Team Work
- Positive Attitude
- Good Interpersonal Skills
- Creative Thinking and Problem Solving

Conferences/ Summer School

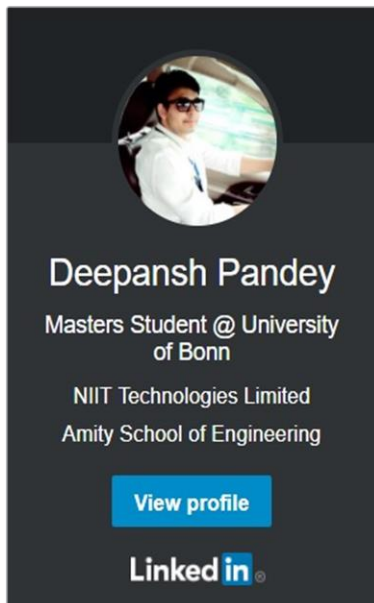
- 2nd ACM Europe Summer School on Data Science
- IFIP WG Performance 2018 as an attendee
- NLP Workshop
- AI-DLDA 2019 Summer School

Contact

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Date of Birth: 01 July 1994

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HTTP://DEEPANSHPANDEY.IN

- CIFAR-10 Image Classification using CNN (Udemy)
- MNIST Classification using ANN and LSTM (University of Bonn)
- K-means Clustering on Wholesale Dataset – Scala (Udemy)
- Natural Language Processing, Spam and Ham Classification (Udemy)
- Topic Modelling Quora (Udemy)
- Bi-LSTM on Named Entity Recognition (University of Bonn)
- Resnet on Football Dataset (University of Bonn)
- Automatic Image Caption Generation (Coursera)
- Many more hands-on exercise and projects available on my GitHub

Online Courses

- Complete Python Bootcamp: Go from zero to Hero in Python
- R Programming A-Z™: R for Data Science with Real Exercise
- Machine Learning A-Z™: Hands on Python & R in Data Science
- R Programming: Advanced Analytics in R for Data Science
- Natural Language Processing with Python
- Scala and Spark for Big Data and Machine Learning
- Deep Learning A-Z™: Hand's on Artificial Neural Networks
- Artificial Intelligence: Learn How to Build An AI
- Machine Learning by Andrew NG, Stanford University
- Sequence Models by deeplearning.ai
- Introduction to Deep Learning on Coursera

Certificates

- Certificate of Training from Pandeypriya E Solutions
- Certificate of Internship at Love Care Foundation
- Certificate of Excellence from Pandeypriya E Solutions
- Certificate of Merit from Aptech for Programming in Core Java
- Certificate of Participation from Aptech for computer summer camp
- Certificate of Participation in Webpage Development Competition in Amity Fest 2014
- Certificate of Completion of Course 100: Achieving Superior Service from Up! Your Service College.
- Certificate of International Competence University of Bonn

Research Paper

[Automatic Email Classifiers Using Supervised Learning](#)

International Journal of Software and Web Sciences (IJSWS) in Issue 18 Volume 1 with Paper Code IJSWS 16-308.

Linguistic Skills

Mother Tongue – Hindi, English – C1, German – A1, French – A1

I am learning German A2 from university offered courses. All my academic studies 14+ years is in English.