Some Aditya Mandal

Data Scientist

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Has 1+ years experience developing robust code and providing software services for high-volume businesses. Gained experience in Machine Learning and Artificial intelligence through different academic projects during the coursework of MSc in Computer Science. Seeking to leverage data analytical skills to improve corporate performance as a Data Scientist.

WORK EXPERIENCE

Associate Professional Application Delivery
CSC

03/2015 – 05/2016   *Noida, India*

CSC (Now DXC Technology) is an American multinational corporation that provides information technology services and professional services.

Roles and Responsibilities:

- Provided software services to one of the world's leading Intellectual Property (IP) management and intellectual property technology company based in the Channel Islands.
- Involved in the Development and Enhancement of Enterprise Content Management supported Java Applications.
- Involved in the ECM administration and workflow management of documents using IBM Content Manager.
- Provided ECM related production support to the client base of 2000 people across different time zones and maintained 100% adherence to Service Level Agreements.
- Designed and Developed multiple Java applications on IBM AIX servers to process documents and generate automated email reports, which reduced the human efforts by 99%.

EDUCATION

Master of Science in Computer Science
Trinity College Dublin, The University of Dublin

09/2017 – 08/2018   *Dublin, Ireland*

Summary

- Completed MSc in Computer Science (Intelligent Systems) at the School of Computer Science and Statistics , Trinity College Dublin , The University of Dublin.
- Subject Areas included Machine Learning , Artificial Intelligence , Knowledge and Data Engineering , Adaptive Applciations, Information Retrieval and Web Search, Data Visualization etc.
- Thesis: "Neural Machine Translation for English to Hindi in Tourism Domain" under the supervision of Dr. Kevin Koidl.

Bachelor of Engineering in Computer Science and Engineering
Visvesvarya Technological University

08/2010 – 06/2014   *Bangalore, India*

Summary

- Graduated in Computer Science and Engineering with First Class from Acharya Institute of Technology, Bangalore which is affiliated to Visvesvaraya Technological University, Belagavi, India.
- Pursued my passion for Java programming through main concentration in Data structures, Algorithms, and Database Management Systems.

SKILLS

Software Development · Data Structures · SQL · Machine Learning · Machine Translation · Python · Data Analysis · Data Visualization · Javascript · HTML/CSS · Java · Git · Artificial Intelligence

PROJECTS

Neural Machine Translation System (05/2018 – 07/2018)

- Developed a Domain-Specific Neural Machine Translation System for English to Hindi translations in Tourism Domain. This project was implemented using Bi-directional RNN in OpenNMT and obtained above-average results.

Real Time Dublin City Transportation Dashboard (01/2018 – 04/2018)

- A real-time dashboard to visualize real-time transportation data of Dublin City which is around 3000+ Dublin Bus stops and 100+ Dublin Bikes station.

Yelp Rating Prediction (01/2018 – 04/2018)

- This project was developed to predict reviews' star ratings on Yelp using feature selection techniques such as Stop Word Removal, Stemming and machine learning algorithms such as Naive Bayes.

CERTIFICATES

Big Data and Hadoop (02/2015 – Present)
Edureka License 451757625

Certification in Java Programming Language using SE6 (06/2013 – Present)
NIIT Limited

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency

HOBBIES

Travel · Trekking · Hiking · Travel Photography · Travel Blogging · Videography · Video Gaming