



AMIT NAUTIYAL

DATA SCIENCE MASTERS
STUDENT AT TU BERLIN

CAREER OBJECTIVE

Masters student pursuing majors in Data Science. Having 3 years of experience in Applied AI, ML, Data Analysis, Cloud and Product Engineering. Looking for Internships and related work in the field of Data Science.

CORE SKILLS

PROGRAMMING : Java, python
PYTHON ML LIBRARIES: numpy,pandas,Scikit-Learn, SciPy, matplotlib, seaborn, OpenCV, mlflow
PYTHON LIB's: flask,Flask-RESTful,Django,
DEEP LEARNING: TensorFlow, NLTK
BIG DATA: Hadoop, Spark,HBase,SQL,Hive
ORCHESTRATION TOOLS: Kubernetes, Docker
CLOUD: AWS,Azure,vSphere, Bluecat
CLOUD PYTHON LIB's: Boto,Moto, Cloud Custodian
DevOps: Jenkins,Logstash, ElasticSearch, Airflow, RabbitMQ, zookeeper, Git
RESTfull: Micro-services Architecture ,Postman
OTHERS: Design Patterns,Deep learning to solve NLP tasks, Automation
INTERESTS: ML, statistics, NLP, Deep Learning, Recommendation systems, Information retrieval

CONNECT WITH ME

Email: de.amit.nautiyal@gmail.com

amit.nautiyal@campus.tu-berlin.de

Address: Siegmunds Hof 2, 10555, Berlin,DE

Phone: +49 15211577025

DOB: 27.04.1993

Kaggle: // nautiyalamit

LinkedIn: // amitnautiyal

Github: // NautiyalAmit

LANGUAGES

English : Native

German: A1 proficiency

Hindi: Native

WORK EXPERIENCE

DATA ENGINEERING INTERN

Robert Bosch| Abstatt, DE | March 2020- Sep 2020

- Responsible for designing and developing the E2E Data Engineering platform for Chassis Control and Automation Driving Unit using MDF/MF4 data.
- Designed and Developed from scratch Feature Extractor and Tag generator: A microservice architecture for big Data platform, for Jaguar/Land Rover Autonomous Driving unit.

SOFTWARE ENGINEER

Thomson Reuters| Bangalore, IND| February 2019 - July 2019

- Developer at cloud Center of Excellence where I Led, Designed, and developed various algorithms for cost-cutting and automating the process for optimizing business metrics through automated algorithms.
- Designed E2E ML Solutions from Data Analysis to Deploying models in AWS and Azure.

APPLICATION DEVELOPER 1

DXC Technology | Bangalore, IND| August 2016 - February 2019

- Developer at Agility Hybrid Cloud Platform's R&D Product Engineering team responsible for developing the Cloud Adapters like Vsphere, Microsoft AzureRM, IPAM Bluecat, and AWS: S3,CLOUD FORMATION,LAMBDA.
- Led a team of 5 for AzureRM Template Adapter Development.

SCHOOLS ATTENDED

TECHNICAL UNIVERSITY BERLIN | BERLIN ,DE

MS Informatik(Majors-ML /AI) | 2019-2021(expected)

-Student Ambassador at Intel AI Academy.

GRAPHIC ERA UNIVERSITY | DEHRADUN ,IND

B.Tech in Computer Science | 2011-2015

PROJECTS

- Data Science Application-Feature Selection-Implement feature selection strategy that yields a model with high data error robustness.
- Twitter Clone- Web Application with Twitter's existing features. Designed using Java,Servlets,SQL.
- Automatic Traffic Estimation-** ATE application using Image processing. designed using Image processing Algorithms and MatLab.
- Data Analysis On Music Preferences- Analyse Spotify's top songs characteristics

AWARDS & CITATIONS

- 2016-2018 :Awarded 4 spot Awards at DXC India
- 2014 :top 10/3000 HOD Internship Fellowship
- 2012 : winner i3india Robotics Winner
- 2011-2015 : Awarded Chairman's Scholarship Holder at GEU.
- [1] **A Reviewal On Entropy And Peculiar Operations In Image Processing**, IJSTR, VOLUME 6, ISSUE 08, AUGUST 2017: ISSN 2277-8616