

Swapnil Jha

Portfolio: tuebingen.page/intro

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EDUCATION

- **Guru Gobind Singh Indraprastha Universtiy** New Delhi, India
Bachelor of Technology; GPA: 8.2 *August 2018 - July 2022*

SKILLS SUMMARY

- **Coding:** Python, Java, R, SQL
- **Frameworks:** Scikit, XGBoost, NumPy, TensorFlow, Keras, Pandas, Matplotlib
- **Tools used:** Alteryx Designer, Git, MySQL, Excel, Microsoft PowerBI, BigQuery, Tableau
- **Platforms:** Linux, Windows, Amazon Web Services (AWS), Google Cloud, Azure ML
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management
- **Languages:** English (C2), Hindi (B2), German (A1), Maithili (A1)

EXPERIENCE

- **Padhakku.com** Remote
Machine Learning Intern (Part-time, Contractual) *Mar 2021 - Jul 2021*
 - **Search Platform Implementation:** Research and Testing of different AWS products like AWS ElasticSearch and AWS CloudSearch to implement on the platform.
 - **Team Communication:** Communicating with the web development team about the research findings and tips on implementation.
- **CETPA Infotech Pvt. Ltd.** Noida, Uttar Pradesh
Machine Learning Intern (Part-time, Internship) *Jun 2019 - July 2019*
 - **Project Course - Real-Time Sentiment Analysis:** Created a project based on "Real-Time Sentiment Analysis with Tweepy and RegEx in Python" using Supervised learning and Natural Language Processing.
 - **Data Manipulation:** Working with different types of data cleaning and data manipulation techniques in the SDLC of end-to-end Machine Learning Project.
 - **Impact:** Trained and supervised 5 interns and managed other clerical jobs.

PROJECTS

- **Detection of Ligament Rupture using Machine Learning on PyTorch:** Tech: Python3, PyTorch, Tensorboard, Data Augmentation, GPU, StanfordML Lab MRNet Dataset. (May '22)
- **Forecasting the Future Power Consumption of Germany in Alteryx Designer using LSTM, SARIMA, & ETS:** Tech: Python3, ETS, SARIMA, LSTM, Alteryx Designer, ENTSO-E Transparency Platform Dataset. (February '22)
- **A/B Testing a New Product Launch in Alteryx:** Tech: Alteryx Designer, Interpreting Test Results, Experiment Control, Statistical Sampling, and A/B Testing. (October '21)
- **Predicting Default Credit Risk for Bank Customers in Alteryx:** Tech: Classification Modeling, Binary Classifiers, Alteryx Designer, Non-binary Classifiers, Decision Trees, Logistic Regression, Model Interpretation, Stepwise Regression, Model Scoring, Random Forest Models, and Gradient Boosting, Python. (August '21)
- **Predicting Catalog Demand Skills with multiple Linear Regression:** Tech: - Analytic Frameworks, Alteryx Designer, Data Analysis Business Context, Analytic Methodology Maps, CRISP-DM, Linear Regression, and Regression Modeling. (April '21)

HONORS AND AWARDS

- TOEFL Score 120/120 - April, 2022
- Bertelsmann Technology Scholarship Winner 2022 - March, 2022
- Eli Lilly Data Scientist Hackathon Challenge Finalist - December, 2021
- GRE Score 316/340 - March, 2021
- Bertelsmann Technology Scholarship Winner 2021 - March, 2021

CERTIFICATIONS AND TRAINING

- **Machine Learning with Tensorflow Nanodegree** Udacity
Funded by Bertelsmann Education Group *March 2022 - Present*
- **Predictive Analytics for Business Nanodegree** Udacity
Funded by Bertelsmann Education Group *March 2021 - November 2021*

CONFERENCES AND SEMINARS

- **Google I/O Extended 2022:** Invited by Google at the Google Signature Towers, Delhi NCR, India (June '22)
- **GitHub Graduation 2022:** Invited by GitHub at Microsoft, Cybercity, Delhi NCR, India (June '22)
- **TEDxMSIT 2019:** Part of organizing committee at the MSIT, New Delhi, India (March '19)