



Kartikeya Chitranshi

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Gender: Male **Date of birth**: 01/04/2000 **Nationality**: Indian

WORK EXPERIENCE

[15/09/2023 – Current]

Student Research Assistant

Zuse Institut Berlin

City: Berlin | **Country**: Germany

1. Investigated sparse attacks against deep neural networks, especially Convolutional Neural Networks.
2. Generated counterfactuals for further study.
3. Examined transferability of adversarial attacks across various machine learning models.

[21/06/2021 – 21/08/2021]

Machine Learning Intern

testAing.com

City: Bangalore

1. Thorough research on adversarial attacks on neural networks.
2. Implementation of the attacks in Tensorflow, along with their documentation.

[01/05/2020 – 01/07/2020]

Data Analysis Intern

Peacock Solar

City: Gurgaon | **Country**: India

1. Developed a business model for expansion into profitable Indian states via Random Forest classification, targeting potential customers using certain factors that resulted in a customer buying a solar product or declining an offer using Python. Used SMOTE technique to create artificial minority classes to counter the dominating population of the majority class. Furthermore, Markdown language was used for presentation.
2. Optimized the performance of the sales and marketing department from the given data using Python(Pandas, Numpy, Plotly), prepared reports on the performance of the departments, and offered them solutions.
3. Elucidated the solar policies of hand-picked Indian states for studying the details of it and preparing an expansion plan using Markdown language.
4. Accumulated details of 250 Indian startups from the year 2015, Selenium was used for automated collection, BeautifulSoup was used for parsing.

EDUCATION AND TRAINING

[19/04/2022 – Current]

MSc in Scientific Computing

Technische Universität Berlin <https://www.tu.berlin/en/>

Address: Straße des 17. Juni 135, 10623, Berlin, Germany |

[16/07/2018 – 22/07/2021]

BSc in Physcial Science

University of Delhi <http://du.ac.in/>

Address: 110021, New Delhi, India |

LANGUAGE SKILLS

Mother tongue(s): Hindi

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Python | Linux | Java | Shell Scripting | R | Git | Pytorch | SQL

MANAGEMENT AND LEADERSHIP SKILLS

Public Relations Head

1. Organizing Member, The Computer Prodigies, Kirori Mal College, University of Delhi
2. Co-organized an event for the annual departmental fest, Technival 4.0.
3. Assisted the Marketing Team in on boarding sponsors (Starbucks, Haldiram) and held off-campus promotional tours.
4. Assisted the decor and design team.

ACHIEVEMENTS

Got accepted into the prestigious Imperial College of London

Got admitted into the prestigious Technische Universität Berlin

Got accepted into the prestigious University of Edinburgh