

AMANDEEP RATHEE

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OBJECTIVE

Passionate individual with strong background in computer science, data science and machine learning. Currently seeking a data science intern position to solve business problems using critical thinking and problem solving.

EDUCATION

- **Duke University** Durham, NC
MS in Interdisciplinary Data Science 2019 – 2021
- **Visvesvaraya Technological University** Bangalore, India
BS in Computer Science; CGPA: 71% (First Class with Distinction) 2013 – 2017

WORK EXPERIENCE

- **upGrad** Bangalore, India
Content Strategist - Data Science July 2017 – May 2019

Developed curriculum, lecture material, programming and theoretical homework assignments for courses on deep learning, machine learning, natural language processing and US healthcare analytics. My courses are a part of the [Machine Learning & AI](#) and the [Data Science](#) post-graduate online diploma programs which have now helped 10,000+ software engineers transition into data science career, and the programs are now nationally ranked [#1](#) and [#4](#), respectively. Average course rating: 4.6/5 — Tools used: Python, R and Git

- **Upwork** October 2016 – June 2017
Freelance Data Scientist

Deployed data science projects such as *Gesture Recognition*, *Server Downtime Predictor* and *Credit Card Fraud Detector* for clients in computer vision, IT and finance. Average project rating by client: 4.97/5 — Tools used: R

- **Kaggle** September 2016 – Present
Kaggle Expert

Ranked [#33](#) among 100,000+ data science practitioners on Kaggle as a result of sharing insights by analyzing open-source datasets. This work also resulted in one gold, one silver and seven bronze medals. Tools used: R and Python

PROJECTS

- **Development Index**: Created an index to rank the districts of Odisha (India) by examining socio-economic factors using government's open data to highlight the underdeveloped regions of the state.
- **Sentiment Analysis**: Analysed public opinion on Demonetization (a highly controversial currency ban happened in India in 2016) using Twitter API to find out whether people were for or against the policy.

PUBLICATIONS

- *Targeting Indian Census 2021: Systematic Approaches for Reliable and Efficient Data Collection* ([Paper link](#))
- *Helmet Detection on Two-wheeler Riders Using Machine Learning* ([Paper link](#))

HONORS AND EXTRACURRICULAR ACTIVITIES

- **Best Content Strategist at upGrad**: Received the accolade in January 2019 for creating one of the highest rated data science courses that helped the *Machine Learning* and *Data Science* online programs become [#1](#) and [#4](#) in India.
- **Statistics Without Borders**: Member of SWB, an organization that provides pro bono statistical consulting.
- **Winner - Numerano, 2015**: Winner of intra-college mathematics quiz and member of math club in college.