

# AMANDEEP RATHEE

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## EDUCATION

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

## WORK EXPERIENCE

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- **upGrad** Bangalore, India  
*Content Strategist - Data Science* July 2017 – May 2019  
Developed the 'Random Forest', 'Healthcare Analytics in US', 'Lexical Processing', 'Recurrent Neural Networks' and 'Probabilistic Graphical Models' course for the [Data Science](#) and the [Machine Learning & AI](#) post-graduate online diploma programs (now ranked [#4](#) and [#1](#), 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 for clients in computer vision, IT and finance. Some of the projects are *Gesture Recognition*, *Server Downtime Predictor* and *Credit Card Fraud Detection* — Profile rating: 4.97/5 — Tools used: R
- **Kaggle** September 2016 – Present  
*Kaggle Expert*  
Ranked [#33](#) on Kaggle among 100,000+ data science practitioners. Analysed open-sourced datasets which resulted in one gold, one silver and seven bronze medals. — Tools used: R and Python

## PROJECTS

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- **Development Index**: Created an index to rank the districts of Odisha (India) by examining socio-economic factors in open government data.
- **Sentiment Analysis**: Analysed public opinion using tweets on Demonetization – a currency ban happened in India in 2016.

## CONFERENCES AND PUBLICATIONS

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- *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

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- **Best Content Strategist - upGrad**: Received the accolade in January 2019 for my contributions to upGrad.
- **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 college math club.