AMANDEEP RATHEE

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EDUCATION

- **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*

Relevant Coursework: Principles of Machine Learning, Data to Decision, Modeling and Representation of Data, Data Management Systems, Data Scraping and Introduction to Text Analysis, Data Visualization and Storytelling, and Data Science Ethics

WORK EXPERIENCE

- **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 diploma programs (now ranked #4 and #1, respectively) — Average course rating: 4.6/5 — Tools used: Python, R and Git

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

  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**
  Kaggle Expert — *September 2016 – Present*

  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

- **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

- *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 - 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.