Curriculum Vitae/Résumé
University of Minnesota
Shretij (Shre) Kapoor
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A data science professional with an aptitude for computational and statistical analysis. Seeking a position where my problem-solving skills will be further enhanced to help businesses form, interpret, and present relevant insights with data through leveraging machine learning and data visualization techniques.

Technical Skills:
- Technical: Python (pandas, scikit-learn, PyTorch, TensorFlow, Django), R (dplyr, tidyr, knitr, mlr3, caret), SQL, Java, JavaScript, C++, MATLAB, Maple, HTML/CSS, LaTeX, & Microsoft Office
- Linguistic: Native English, Intermediate Spanish, Basic French, Portuguese, & Hindi

Education:
- **Brown University, Providence RI (** May 2021)
  GPA: 3.69 | **Concentration: Applied Mathematics-Computer Science (B.Sc.)**
  Selected Courses: Data Science, Artificial Intelligence, Machine Learning, Database Management Systems, Deep Learning, Theory of Computation, Globalization & Social Conflict, Computational Probability & Statistics, Time Series Analysis, Mathematical Econometrics, Int. Micro/Macroeconomics
- **Stanford Online Learning** (Spring 2021)
  Certificate in Natural Language Processing with Deep Learning (XCS224-N)

Data Science Projects:
- **Environmental Sentiment** (Fall 2022)
  Tracked sentiment about climate change on Twitter and observed how it was clustered geographically and affected by social networks. **Environment:** R, Python
- **Seq2Seq Translator** (Spring 2021)
  Implemented a character-based convolutional encoder and an LSTM decoder using PyTorch to perform Neural Machine Translation from Spanish to English, training using a Virtual Machine. **Environment:** Python, Spyder, Azure Labs
- **Tron** (Fall 2020)
  Constructed a bot which employed a 2-layer neural network and reinforcement learning techniques to master a game of Tron against other players. **Environment:** Python
- **Extract Transform Load** (Fall 2020)
  Extracted airport, airlines, and flights data from a file, transforming and loading it to a database, and wrote SQL queries to execute on the data. **Environment:** Java, SQL
- **Populism in Europe** (Spring 2018)
  Computationally predicted the results of European elections based on survey results measuring people's attitudes, using machine learning algorithms to train the data. **Environment:** Python, R, Kaggle
- **Inscriptions in Israel/Palestine (**Summer 2017)
  Collaborated on a project to create a website to store ancient inscription data and then geotagged and mapped this information. **Environment:** Python, Django

Leadership & Community Service:
- Brown Data Science Group Administrative Task Committee member, where I helped to set up the Datathon at Brown through organizing workshops and monitoring the event.
- Tutor in Mathematics, Spanish, and English at the DaVinci Center, Providence through Brown's Swearer Center.