

# SREEJA KODATI

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## Objective

- Aspiring to secure an entry-level position where I can proactively apply my comprehensive knowledge and expertise gained from my educational background, contributing effectively to organizational success and continuous learning.

## Education

### University of Wisconsin-Madison

Sep 2022 – Present

*Master's Degree in Statistics and Data Science*

*Madison, Wisconsin*

- Awards:** Graduate Scholarship for academic achievement.
- Coursework:** Text Analytics and Business Application, Selection Interface in Computational Genomics, Introduction to High performance computing, Data Science Practicum (Statistical Consulting), Stastical Data Visualization, Introduction to Deep Learning and Generative Models, Computing in Data Science and Statistics, Statistical Learning Theory, Statistical Methods, Statistical Inferences.

### ICFAI Foundation for Higher Education

Aug 2018 – Jun 2022

*Bachelor's Degree in Computer Science Engineering*

*Hyderabad, India*

## Skills

**Programming and Scripting Languages:** Python, R, Java, C, C++, Dart, SQL, HTML, CSS, Javascript, Bash/Shell scripting

**Machine Learning:** Scikit-learn, TensorFlow, Keras

**Softwares/Frameworks:** Django, Tableau, Hadoop, MapSpark, PyTorch, Android Studio

**Data visualization and web development** Shiny(R), D3.js

## Internship/Work Experience

### Bidgala

Jan 2022 – Jun 2022

*Fullstack Developer Intern (Remote)*

*Montreal, Canada*

- Contributed to the development and maintenance of the company's website with a focus on data science and analytics for 6 months.
- Achieved a 40% faster initial page load by implementing Lazy Loading for images.
- Used Pyscript and Django to develop and deploy the data-driven application, including a personalized newsletter and recently viewed section, to improve customer engagement and retention.
- Conducted thorough data analysis and visualization using complex datasets to identify trends and patterns in user behavior and website performance.

### Isthara Parks

Feb 2021 – May 2021

*Flutter Developer Intern*

*Hyderabad, India*

- Utilized Flutter widgets to design and implement user interface components for an e-commerce application for a startup while also integrating Firebase for the back-end and database of the application.

### Yoursmentor (subsidiary of Paymatrix)

Sep 2020 – Jan 2021

*Front-end Developer Intern*

*Hyderabad, India*

- Operated as a front-end support and focused on building different user interfaces for a student cell teaching coding. Utilized HTML, CSS, and Javascript for web development.

### Ermin Automotive

May 2020 – Aug 2020

*Android Developer Intern*

*Hyderabad, India*

- Created a social-media platform using Android Studio, catering to students and professionals, facilitating the sharing of technical projects and fostering a collaborative community.

## Notable Academic Projects

### 1. GreenEats: Navigating Top Vegan & Veggie Cuisine:

- Created a Shiny application to recommend the best vegetarian and vegan dishes in Philadelphia, enhancing the food experience for plant-based enthusiasts.
- Employed NLP techniques, specifically leveraging the Named Entity Recognition (NER) method, to extract dishes from Yelp reviews. Integrated these insights into a Shiny app.

### 2. Visualizing Phylogeography of *Frasera* species:

- Contributed to an interactive dashboard supporting ongoing research utilizing shiny to effectively communicate the phylogeography and genetic differentiation of North American *Frasera* species.

### 3. Spotify Popularity Insights:

- Explored the factors influencing the popularity of artists and tracks on Spotify, providing valuable insights for decision-making in the music industry.
- Conducted in-depth analysis utilizing parallel computing to observe the impact of audio features on song popularity.

### 4. Generalized Transfer Learning Pipeline on Pre-trained Image Datasets:

- Developed a flexible pipeline for image classification, enabling efficient usage of pre-trained models.
- Implemented pipelines for VGG-16 and ResNet18 models, carefully observing the effects of freezing layers on model accuracy.