NISARGA KADAM

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EDUCATION

The Pennsylvania State University University Park, PA
Bachelor of Science May 2023

- Major in Social Data Analytics
- Relevant Coursework: Data Science Through Statistical Reasoning and Computation; Machine Learning for Data Analytics; Object Oriented Programming with Web-Based Applications; Data Management for Data Sciences; Text as Data; Programming Models for Big Data

SKILLS

- **Technical Skills**: Python, R, MySQL, Java, Javascript, HTML, CSS, Stata, PHP, Linux, Hadoop, Spark
- **Languages:** Fluent in English, Hindi, Punjabi, Marathi, Gujarati
- **Certifications & Training:** Google Ads Certified, Autodesk Certified
- **Awards:** Happy Valley Launch Box powered by PNC Bank Summer Founders Program Recipient 2022

RELEVANT EXPERIENCE

AIMADETHIS New York, NY
Co-Founder May 2021– Present

- Utilize a supervised learning algorithm in Python to generate a collection of AI-made textile patterns
- Create content for and manage social media accounts, garnering a 200% increase in followers over 2 weeks
- Conduct A/B testing across social media platforms to increase engagement by 150% over 3 months

Microsoft Teals K-12 New York, NY
Teaching Assistant Aug 2020 – Sep 2021

- Taught 30+ high school students the foundational concepts in Computer Science using SNAP and Python
- Collaborated with teachers to create a fruitful remote learning experience for students by creating interactive lesson plans

LEADERSHIP EXPERIENCE

Camp Friendship Food Pantry New York, NY
Pantry Coordinator June 2020– Present

- Administer teams of volunteers to package and distribute over 200 bags of nonperishable food
- Design shirts for volunteers to cultivate team identity
- Prepare menus with Spanish translations to provide an accessible space

PROJECTS

Government Spending On Female Labor Participation Rate May 2023

- Implemented Python code to pre-process, integrate datasets, and run a Ridge Regression
- Conducted feature selection using Grid Search
- Submitted a 16-page paper presenting the background, literature, methods, results, and analysis

Predicting Sleep Based On Daily Activity Regressions May 2023

- Explored machine learning algorithms including Support Vector Machine, Random Forest, and Linear Regressions
- Performed data preprocessing, data integration, and feature selection
- Produced a report documenting the methodology, findings, analysis, and future implications

Heart Attack Risk Classifier April 2023

- Cleaned data by handling missing values, feature engineering, and one hot encoding categorical features
- Implemented Principal Component Analysis to pre-process further and utilized a Support Vector Classifier
- Obtained an F1-score of 0.88 displaying a strong harmony between precision and recall