

# NISARGA KADAM

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## EDUCATION

**City University of New York - Hunter College**  
M.A. in Computer Science

New York, New York  
May 2026

**The Pennsylvania State University**  
B.S. in Social Data Analytics

University Park, PA  
May 2023

## SKILLS

- **Technical Skills:** Python, R, MySQL, Java, Javascript, HTML, CSS, LaTeX, PHP, Linux, TensorFlow, Scikit-learn, Keras, PyTorch, Matplotlib, NLTK, Hadoop, Apache Spark, Jupyter Notebook
- **Languages:** Fluent in English, Hindi, Punjabi, Marathi, Gujarati
- **Certifications & Awards:** Google Ads Certified, Autodesk Certified, Happy Valley Launch Box powered by PNC Bank Summer Founders Program Recipient 2022

## RELEVANT EXPERIENCE

### AIMADETHIS

*Co-Founder*

New York, NY  
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 two weeks
- Conduct A/B testing across social media platforms to increase engagement by 150% over three months

### Microsoft Teals K-12

*Teaching Assistant*

New York, NY  
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

*Pantry Coordinator*

New York, NY  
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

### Influence of Fake Reviews on Quality Amazon Product Recommendation

Dec 2024

- Created SVC using Bootstrap Aggregation, Decision Tree Classifier, Logistic Regression, and Ensemble Learning Method to detect fake product reviews from Amazon
- Compared model performance using F1-score to identify which model was ideal for review classification
- Combined real reviews and product metadata to use BLAIR to deliver reliable product recommendations.

### 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

### 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 solid harmony between precision and recall