

MAYANK KISHORE

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EDUCATION

Georgia Institute of Technology

August 2017 - December 2020

Atlanta, Georgia

- B.S. in Computer Science | GPA: 3.90
- Concentrations: Intelligence and Information Internetworks
- Relevant Courses: Object-Oriented Programming, Data Structures and Algorithms, Discrete Math, Objects and Design, Statistics and Applications, Multivariable Calculus, Linear Algebra

PROFESSIONAL EXPERIENCE

Bazaarvoice

May 2018 - August 2018

Data Analytics Engineering Intern

Austin, Texas

- Designed quality metrics for review data by calculating readability and sentiment scores for consumer reviews
- Employed logistic regression with character level tf-idf vectors to classify the helpfulness of reviews with a 75% increase in accuracy to improve product-level conversion due to consumer reviews by 150% for 3500+ companies
- Built 15+ efficient scripts and queries for my Agile engineering team using Python, AWS Athena, and SQL

Georgia Tech Research Institute

January 2018 - Present

Algorithm Design Researcher

Atlanta, Georgia

- Tackled time series stock market data as a classification problem with 6 team members to add 16 technical indicators as primitives to generate buy/sell signals and applied EMADe to evaluate algorithms with simultaneous optimization
- Implemented the Ease of Movement and Force Index indicators in Python which resulted in a 5% increase in accuracy

LEADERSHIP EXPERIENCE

Data Science at Georgia Tech | Project Manager

January 2018 - Present

- Led an 8-person team and used 30,000+ data points and 10 features to visualize crime around Georgia Tech's campus
- Investigated time trends and weather patterns in Python to develop a predictive model and presented our findings to the Georgia Tech Police Department in a 17-page report to aid in the effort to prevent crime
- Orchestrated an introductory data science lecture which resulted in a 7x increase in membership for the club

Buzzwords | Founder, Editor-in-Chief | buzzwords.live

August 2018 - Present

- Created an independent technical blog and motivated 7 peers to write bi-weekly articles about emerging technologies and exciting technology developments while maintaining an inclusive and easy to understand writing style
- Designed Student Experience section to share internship insights and assistance for aspiring students and peers

PERSONAL PROJECTS

Fortnite Popularity Projector

August 2018 - Present

- Studied 25+ trend indicators in video-game news data to predict popularity trajectory of current video games
- Built and deployed results Python and Django with graphs created in Matplotlib

GITMAD Hackathon | GeoExtrapolator

October 2017

- Conveyed 20+ desirable locations to live based on 3 personal preferences in climate, population density, and terrain
- Employed the Google Maps Cluster API along with JavaScript, HTML and CSS to display clusters of locations

AWARDS

Citadel Data Open | 2nd Place | \$2,500 Prize

February 2018

- Applied linear regression to analyze government's impact on accident numbers and vehicle idle time
- Utilized Python to model and visualize 100+ data points and created a LaTeX report to convey our findings

Capital One Case Competition | 3rd Place

November 2017

- Spent 20+ hours developing a detailed analysis to identify the factors that contributed to Nokia's collapse
- Presented to 6 Capital One judges amongst 40 other teams and fielded questions regarding importance of adaptation

SKILLS & INTERESTS

Programming: Java, Python, SQL, HiveQL, Prestodb, MATLAB, R, Bootstrap, HTML/CSS, JavaScript

Software Tools: Git, CLI, Jupyter Notebook, AWS Athena, IntelliJ, Eclipse, Ubuntu, LaTeX

Affiliations: Alpha Kappa Psi, Data Science at Georgia Tech, Georgia Tech Qurbani

Interests: Astronomical Phenomena, Landscape Photography, Technical Writing, Basketball Enthusiast