MAYANK KISHORE

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EDUCATION

Georgia Institute of Technology   *Atlanta, Georgia*
- B.S. in Computer Science | GPA: 3.9   *August 2017 – December 2020*
- Concentrations: Intelligence and Information Internetworks
- Relevant Courses: Object-Oriented Programming, Data Structures and Algorithms, Computer Organization and Programming, Discrete Math, Objects and Design, Statistics and Applications, Multivariable, Linear Algebra
- Affiliations: Alpha Kappa Psi, Data Science at Georgia Tech, Georgia Tech Qurbani

EXPERIENCE

Bazaarvoice   *Austin, Texas*
Data Analytics Engineering Intern   *May 2018 - Present*
- Designed quality metrics for review data by calculating readability and sentiment scores for consumer reviews and employed logistic regression with character level tf-idf vectors to classify the helpfulness of reviews with a 75 percent accuracy with the potential to improve conversion due to consumer reviews by 150 percent for over 3500 companies
- Built over a dozen efficient scripts and queries for my Agile engineering team using Python, Amazon Athena, and SQL

Data Science at Georgia Tech   *Atlanta, Georgia*
Project Manager   *January 2018 - Present*
- Visualized crime around Georgia Tech's campus and investigated 10+ time and weather patterns to develop a predictive model that can help determine what type of crime is most likely for the Georgia Tech Police Department
- Lectured over 80 students on data science by introducing data cleaning, visualization, and modeling in Python

Dr. Greg Rohling's Research Lab   *Atlanta, Georgia*
Algorithm Design Researcher   *January 2018 - Present*
- 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 two Ease of Movement and Force Index indicators in Python and tested it with a genetic algorithm

RoboJackets   *Atlanta, Georgia*
Intelligent Ground Vehicle Competition   *Fall 2017 – May 2018*
- Constructed vehicle paths in C++, Arduino, OpenCV, and Rviz to program an autonomous, off-road, robot that could compete against 36 other teams by autonomously navigating an obstacle course in the fastest time
- Acquired an understanding for troubleshooting and problem solving with Agile development methods

PROJECTS

Popularity Projector   *August 2018- Present*
- Studied 25+ previous trends in video game news data to predict the popularity trajectory of current video games
- Built and deployed our results in Python and Django while practicing Agile development methods

Citadel Data Open | *2nd Place / $2,500 Prize*   *February 2018*
- Applied a linear regression to analyze the government's effect on the number of accidents and vehicle idle time
- Utilized Python to model and visualize 100+ data points and created a LaTeX report to convey our findings

GITMAD Appathon | *GeoExtrapolator*   *October 2017*
- Conveyed 10+ desirable locations to live based on 3 personal preferences in climate, population density, and terrain
- Employed HTML, CSS, and JavaScript along with the Google Maps Cluster API to display clusters of locations

SKILLS & INTERESTS

Programming: Java, Python, SQL, HiveQL, Prestodb, MATLAB, Bootstrap, HTML/CSS, JavaScript
Software Tools: Git, CLI, Jupyter Notebook, AWS Athena, IntelliJ, Eclipse Ubuntu, LaTeX, Autodesk Inventor, CNC
Interests: Astronomy, Photography, Technology, Basketball, Video Games