

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

Georgia Tech Research Institute (GTRI)

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 EMAD to evaluate algorithms with simultaneous optimization
- Increased accuracy by 5% with the implementation of the Ease of Movement and Force Index indicators in Python

PERSONAL PROJECTS

Vocapture | 1st Place at HackGT | Most Creative Augmented Reality Hack by Accenture

October 2018

- Developed an iOS application to help students with language acquisition through computer vision and gamification
- Detected over 25 everyday objects in real-time, utilized Microsoft Azure and the Cognitive Services API to conduct handwriting recognition, and leveraged the Google Cloud Translate API to support over 20 cross-language translations
- Led the design process for gamification elements and sourced a Tensorflow library for object detection

Atlanta Crime Map

March 2018 - Present

- Led an 8-person team and used 30,000+ data points and 10 features to visualize crime on 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

Fortnite Popularity Projector

August 2018 – September 2018

- 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

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 detailed report in LaTeX to convey our findings

LEADERSHIP EXPERIENCE

Data Science at Georgia Tech

January 2018 – Present

Project Manager

datasciencegt.org

- Working with Distance Teaching and Mobile Learning (dtml.org) to help nonnative students learn English
- Managing 3 projects to create a dashboard for teachers to inform them about their students' progress a performance prediction model that can predict retention, and recommendation engine to improve topic suggestions per student
- Generated a 7x increase in membership for the club by hosting Orchestrated an introductory data science lecture

Buzzwords

August 2018 – Present

Founder, Editor-in-Chief, Lead Developer

buzzwords.live

- 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

SKILLS & INTERESTS

Programming: Java, Python, SQL, HiveQL, Prestodb, MATLAB R, Bootstrap, HTML/CSS, JavaScript
Software Tools: Git, CLI, Jupyter Notebook, AWS Athena, Azure, IntelliJ, Eclipse, Ubuntu, LaTeX
Affiliations: Data Science at Georgia Tech, Georgia Tech Qurbani – Competitive Dance Team
Interests: Astronomical Phenomena, Landscape Photography, Technical Writing, Basketball Enthusiast