

MAYANK KISHORE

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EDUCATION

Georgia Institute of Technology

December 2020

Atlanta, Georgia

- B.S. in Computer Science | GPA: 3.77
- **Concentrations:** Intelligence and Information Internetworks
- **Relevant Courses:** Data Structures and Algorithms, Design and Analysis of Algorithms, Object-Oriented Programming, Intro to Artificial Intelligence, Computer Organization & Programming, Discrete Math

PROFESSIONAL EXPERIENCE

Uber ATG

May 2019 – August 2019

Software Engineering Intern

Pittsburgh, Pennsylvania

- Developed a real-time event extractor that scrapes over 5,000 entries of security relevant data every day
- Coded an efficient deduplication algorithm and event syndication methodology that transformed the data into an easily interfaceable format that can be reported to the autonomous vehicle to rely the significance of each event
- Participated in code reviews utilizing Jira and GitHub to work with the AVSecurity team to deploy my project

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 – December 2018

Machine Learning Architect

Atlanta, Georgia

- Classified the efficacy of over 16 technical stock market indicators by training a Neural Network with 4 stock datasets to predict the optimal buy or sell action, and implementing a Deep Q-Learner that outputted the predicted profits

PERSONAL PROJECTS

Vocapture

October 2018

Imagine Cup Americas Finalist | 1st Place HackGT | Most Creative Augmented Reality Hack by Accenture

- Developed an iOS application to help students with language acquisition through computer vision and gamification
- Detected over 75 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 22 cross-language translations

Atlanta Crime Map

March 2018 – October 2018

- Led an 8-person team and used 30,000+ data points and 10 features to visualize crime on Georgia Tech's campus
- Explored external crime factors in a 17-page report to aid GTPD by developing a predictive model using Python

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

- 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

Medium Publication: Buzzwords

August 2018 – Present

Founder and Editor-in-Chief

medium.com/buzz-words

- 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 a Student Experience section to share internship insights and assistance for aspiring students and peers

SKILLS & INTERESTS

Programming: Python, Java, C++, SQL, HiveQL, Swift, C, MATLAB, 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