

# ANISH MANNE

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## Education

### Georgia Institute of Technology

Atlanta, GA

M.S. Computer Science

May 2024

B.S. Computer Science

May 2023

- **Threads/Concentration:** Machine Learning (M.S.) Intelligence & Information Internetworks (B.S.)
- **Relevant Coursework:** Object Oriented Programming, Data Structures & Algorithms, Design & Analysis of Algorithms, Intro to AI, Computer Vision, Intro to Machine Learning, Database Systems, Systems & Networks
- **GPA:** 4.0

## Experience

### Amazon Web Services

May 2023 – August 2023

Software Development Intern

Seattle, WA

- Engineered a recommendation API to help customers choose and get price information for EC2 Flexible Fleet bundles
- Achieved savings of \$10 million for customers and EC2 by reducing onboarding costs and increasing resource utilization
- Implemented an algorithm in Java that promotes the use of newer instances and improves customer experience
- Employed AWS Lambda and S3 to parse/deliver bundle price data for service consumption

### Amazon Web Services

May 2022 – August 2022

Software Development Intern

Seattle, WA

- Member of EC2 Fleet and Spot Fleet team that enables customers to launch numerous EC2 instances in one API call
- Enhanced EC2/Spot Fleet status information via Java to improve customer experience of the service
- Reduced customer inquiries regarding fleet launch failures by 50%
- Utilized Amazon development tools such as Corretto, Brazil, and Pipelines

### State Farm

May 2021 – December 2021

Software Engineering Intern

Tempe, AZ

- Member of the SRE team that built applications to improve software resiliency and cloud education across State Farm
- Created a Software Resiliency Advisory Tool (RAT) to aid development teams in assessing the resiliency of applications
- Decreased time it takes teams to audit the stability/quality of their applications by 30%
- Built React and Node.js application hosted in AWS and employed Terraform to deploy AWS infrastructure as code
- Established DynamoDB databases, S3 buckets, Lambda functions, API Gateway, and managed IAM roles

### Georgia Tech Vertically Integrated Project (VIP)

August 2021 – December 2022

Sentiment Analysis for Stock Predictions

Atlanta, AZ

- Used Twitter API to collect tens of thousands of tweets relating to popular stock tickers (e.g., Tesla, Apple, Google)
- Evaluated various NLP models such as BERT, GPT-3, and VADER, to determine the effectiveness of sentiment analysis in making stock predictions

### GT Partnership for Advanced Computing Environment

December 2020 – May 2021

Systems Support Assistant

Atlanta, GA

- Web Development using HTML5, CSS, JavaScript, MkDocs, YAML along with bash for HPC cluster access and usage

### Georgia Tech Research Institute

June 2019 – July 2019

Machine Learning Research Intern

Atlanta, AZ

- Performed NLP topic modeling on a very large set of articles to identify and generate the 10 most popular news topics

## Skills

**Languages:** Java, Python, C/C++, Javascript, HTML/CSS, SQL

**Technologies/Frameworks:** PyTorch, Tensorflow, React, Node.js, AWS, Google Guice, JUnit

## Leadership & Awards

- Georgia Tech Faculty Honors for 4.0 GPA
- Teaching Assistant - CS Ethics
- Intramural Basketball Captain
- Eagle Scout - Patrol Leader, Instructor, Historian