




ANISH MANNE

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Python, Java, C, SQL, AWS, Terraform, DynamoDB, S3, Lambda, API Gateway, Docker, React, Node, JavaScript, HTML5, CSS, Git, GitLab



EDUCATION

M.S. Computer Science | Georgia Institute of Technology

AUG 2023 – MAY 2024

B.S. Computer Science

AUG 2020 – MAY 2023

Threads/Concentration: Intelligence & Information Internetworks (B.S.) Machine Learning (M.S.)

GPA: 4.0 Key Coursework: Object Oriented Programming, Objects & Design, Data Structures & Algorithms, Design & Analysis of Algorithms, Intro to AI, Computer Vision, Intro to Machine Learning, Database Systems, Systems & Networks



EXPERIENCE

Software Development Intern | Amazon Web Services

MAY 2023 – AUG 2023

- Created a recommendation API to help customers choose and get price information for EC2 Flexible Fleet bundles
- Saved \$10 million overall for both customers and EC2 by reducing onboarding costs and increasing resource utilization
- Built an algorithm in Java that will promote the use of newer instances and improve customer experience
- Used Lambda and S3 to parse/deliver bundle price data for service consumption

Software Development Intern | Amazon Web Services

MAY 2022 – AUG 2022

- 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 (e.g., pending fulfillment) via Java to improve customer experience
- Reduced customer inquiries regarding fleet launch failures by 50%
- Worked with Amazon development tools such as Corretto, Brazil, and Pipelines

Software Engineering Intern | State Farm

MAY 2021 – DEC 2021

- 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 help development teams to assess the resiliency of their applications
- Reduced 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

Sentiment Analysis for Stock Predictions | Georgia Tech Vertically Integrated Project (VIP) AUG 2021 – DEC 2022

- Used Twitter API to collect tens of thousands of tweets relating to popular stock tickers (e.g., Tesla, Apple, Google)
- Employed various NLP models such as BERT, GPT-3, and VADER, to see which model performed the best at classifying the sentiment of the tweets and then made predictions about stock movements

AWS Cloud Practitioner | Amazon Web Services Training and Certification (tiny.cc/y26iuz)

AUG 2021

- Acquired a thorough fundamental understanding of several critical IT services and their uses in the AWS Cloud

Systems Support Assistant | GT Partnership for Advanced Computing Environment

DEC 2020 – MAY 2021

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

Java Programming Masterclass for Software Developers | Udemy (tiny.cc/jj57tz)

DEC 2020

- Established strong working knowledge of Java and Object-Oriented Programming – also acquired via class work and projects

Machine Learning Research Intern | Georgia Tech Research Institute

JUN 2019 – JUL 2019

- Project: Performed NLP topic modeling on a very large set of articles to identify and generate 10 most popular news topics
- Technologies: Python, MySQL, Anaconda platform, Spyder IDE, MySQL Workbench



LEADERSHIP & AWARDS

- Georgia Tech Faculty Honors for 4.0 GPA (every single semester)
- Teaching Assistant – CS Ethics
- Intramural Basketball Captain
- Eagle Scout – Patrol Leader, Instructor, Historian