Naman Kanwar

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Professional Summary

Recent graduate with 3+ years of experience in data analysis, data mining, data visualization and machine learning. Extensive experience in working with multi-disciplinary teams, applying data insights to diverse fields, generating reports and interactive dashboards for stakeholders. Seeking opportunities to leverage data skills in a collaborative environment.

Education

- ### Georgia State University
  Atlanta, GA

  Master of Science in Computer Science - CS: 3.56   *Aug 2019 – Jul 2020*
  Bachelor of Science in Computer Science - CS: 4.0   *Jun 2016 – Jul 2019*

Skills

- **Languages**: Java (Proficient), Python (Proficient), C++ (Proficient), Javascript
- **Database and Visualization**: MariaDB, Oracle, PostgreSQL, Big Query, AWS Lambda, Amazon (QuickSight, Sagemaker, S3), Kibana, Tableau, Folium, Plotly, D3
- **Concepts**: Object-oriented programming, Mobile development, MVC, Agile/Scrum, Multithreading, ETL, Data Analysis, Data Mining
- **Other**: Spring Boot, Linux, UNIX, Windows (PowerShell), Git, Flask, Selenium, Puppet, Terraform, Splunk

Experience

- ### ATG Work
  Norcross, GA
  Applications Technology Group Work - Site Reliability Engineer   *October 2020 – December 2020*
  - Worked with cloud provisioning and configuration management for Splunk.
  - Configured Splunk environment through Puppets utilizing Terraform and Jenkins.
  - Utilized docker containers to run litmus and unit tests for server configurations, the underlying stack, and the software on top of it.
  - Deployed stacks to AWS and GCP.

- ### Georgia State EBCS
  Atlanta, GA
  Evidence Based Cyber Security Group - Data Engineer   *Aug 2019 – Aug 2020*
  - Developed web scrapers to collect data from suspicious websites. Engineered CAPTCHA breaking system with 90% accuracy rate to automate the scrapers.
  - Created automatic weekly business report, empowering institute-wide policy decisions using Python, Selenium, SQL and folium.
  - Coordinated with the associate director to maintain and develop EBCS website (ebcs.gsu.edu). Onboarded and handed project to incoming developer.

- ### Fiserv
  Atlanta, GA
  Global Finance Solution - Software Development Engineer Intern   *Jun 2019 – Aug 2019*
  - Worked on 35,000+ lines of C++ code with no existing documentation. Wrote documentation for existing and newly added code.
  - Automated database server shutdown and creation, saving 12% annual costs.

- ### Georgia State CS Department
  Atlanta, GA
  Computer Science Department - Data Engineer   *Oct 2017 – Aug 2019*
  - Implemented an algorithm that visualizes evolutionary trees using Python. Reduced the execution time of current algorithm by 99%.
  - Designed an API along with a full stack website architecture to deploy the algorithm.
  - Integrated interactive visualization of data using D3.js. Completed and deployed the website within 4 months which is being used by hundreds of biologists.

- ### Verizon Connect
  Atlanta, GA
  Fleetmatics - Data Analyst   *Jun 2017 – Aug 2017*
  - Directly increased userbase by 20% utilizing data mining techniques for analysis.
  - Built analytics dashboards from Hive tables using Java to depict user driving behavior.
  - Utilized Apache Spark to develop data analytics for business intelligence and product development.

Projects

Project Hermes   Atlanta, GA
HackGT 19 - WINNER   *Aug 2019*

- Implemented a Google Maps feature (Google Maps API and Places API) in Android app to map 3 locations in 1 route. Project URL: github.com/Naman26/HermesOCR

CS Music   Atlanta, GA
Collegiate Cup 2019   *Jan 2019*

- Devised the code sharing aspect for an AR Android application to help 52% low income kids learn computer science. Project URL: github.com/Naman26/CSMusic

PharmaPal   Atlanta, GA
HackATL 18 - WINNER   *Oct 2018*

- Designed a computer vision Android app that takes a picture of medication and obtains information and instructions about the drug in 2 seconds using text-to-speech API, translate API, and server programming.

Visitr   Atlanta, GA
HackGSU 17 - WINNER   *May 2017*

- Engineered a voice-controlled check-in and check-out Echo Skill utilizing Twilio API. Project URL: github.com/Naman26/Anthem-Visitor-Alexa-Skill

Anthropocene   Atlanta, GA
2D- Platformer Game   *May 2017*

- Produced a 2D Platformer game that illustrates how dependence on technology is initiating climate change. Project URL: github.com/Naman26/Game-Anthropocene

Certifications

AWS Fundamentals Specialization   Credentials: https://coursera.org/share/fd170135c42c76a2015a0d961a6edbdf
Coursera   *Oct 2020*

Java Developer   Credentials: hackerrank.com/certificates/4f83321244ab
HackerRank   *Aug 2020*

Python Developer   Credentials: hackerrank.com/certificates/540a2bdaaf11
HackerRank   *Aug 2020*

Other

Leadership
Georgia State University

- **Association of Computing Machinery**: Chair - http://acm.cs.gsu.edu/
- **Georgia State CS Department**: Teaching Assistant - Discrete Mathematics, Data Structures, Software Engineering

Awards
4+ National Hackathon Awards

- **HackGT**: 2019: Optical Character Challenge Runner-Up
- **HackGSU**: 2019: 1st in Crypto challenge, 2017: Anthem Grand Prize
- **HackATL**: 2018: Health and Wellness Challenge Runner-Up
- **Georgia State University**: 2018: Outstanding Undergraduate Research Award