

## Professional Summary

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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

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- **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

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- **Languages:** Java (Proficient), Python (Proficient), C++ (Proficient), Javascript
- **Database and Visualization:** MariaDB, Oracle, PostgreSQL, AWS Lambda, Amazon (QuickSight, Sagemaker, S3), Kibana, Tableau, Folium, Plotly
- **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

## Experience

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- **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

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- **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](https://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](https://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](https://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](https://github.com/Naman26/Game-Anthropocene)

## Certifications

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- **AWS Fundamentals Specialization** Credentials: <https://coursera.org/share/fd170135c42c76a2015a0d961a6eddbdf>  
HackerRank Oct 2020
- **Java Developer** Credentials: [hackerrank.com/certificates/4f83321244ab](https://hackerrank.com/certificates/4f83321244ab)  
HackerRank Aug 2020
- **Python Developer** Credentials: [hackerrank.com/certificates/540a2bdaaf11](https://hackerrank.com/certificates/540a2bdaaf11)  
HackerRank Aug 2020

## Other

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- **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