

Naman Kanwar

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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, AWS Lambda, Amazon (QuickSight, Sagemaker, S3), Kibana, Tableau, Folium, Plotly
- **Concepts:** Object-orientated programming, Mobile development, MVC, Agile/Scrum, Multithreading, QA
- **Other:** Spring Boot, Linux, UNIX, Windows (PowerShell), Git, Flask, Selenium

EXPERIENCE

Georgia State EBCS	Atlanta, GA
<i>Evidence Based Cyber Security Group - Data Engineer</i>	Aug 2019 – Aug 2020
<ul style="list-style-type: none">◦ 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
<i>Global Finance Solution - Software Development Engineer Intern</i>	Jun 2019 – Aug 2019
<ul style="list-style-type: none">◦ Worked on 35,000+ lines of Java 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
<i>Computer Science Department - Data Engineer</i>	Oct 2017 – Aug 2019
<ul style="list-style-type: none">◦ 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
<i>Fleetmatics - Data Analyst</i>	Jun 2017 – Aug 2017
<ul style="list-style-type: none">◦ 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.	

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