

# 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

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 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

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.

## 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