

# Naman Kanwar

nmnknwr@gmail.com  
linkedin.com/in/namankanwar/

+1-470-263-0059  
naman26.github.io

## 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-oriented 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.

## 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](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  
Oct 2018  
 HackATL 18 - WINNER
  - 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  
May 2017  
 HackGSU 17 - WINNER
  - 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  
May 2017  
 2D- Platformer Game
  - 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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- **Java Developer** Credentials: [hackerrank.com/certificates/4f83321244ab](https://hackerrank.com/certificates/4f83321244ab)  
Aug 2020  
 HackerRank
- **Python Developer** Credentials: [hackerrank.com/certificates/540a2bdaaf11](https://hackerrank.com/certificates/540a2bdaaf11)  
Aug 2020  
 HackerRank

## 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