SHIKHAR JAISWAL

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Education

Presidency University Bengaluru   **Bengaluru, Karnataka**
B.Tech. Computer Science   *August 2018 – Present*

- **SGPA: 8.79 / 10.0   CGPA: 8.03 / 10.0**
- **Relevant Coursework:** Data Structures & Algorithms, Computer Architecture, Theory of Computation, Microprocessor, Database Management System, Object Oriented Programming, Graph Theory, Discrete Mathematics, Calculus, Graphic Programming.

Work Experience

Vyorius Drones LLP   **Online**
Algorithm Development Intern | Algorithm Developer   *August 2020 – Present*

- Developed an Algorithm to find a suitable shortest path for drones in a particular area
- Worked on geospatial analysis for a Drone based delivery system.
- Developed an algorithm to convert vector O.S.M. (Open Street Map) data to raster data based on water, forests and sensitive buildings.
- Integrated Algorithms on Back-End and Front-End Testing.
- Researched on Various Open Source maps – Mapbox and Cesium.
- Worked on development of an Algorithm to Optimize Delivery schedules.

Projects

- Built an Android Application to manage signup (registering a user), sign in (login) and logout (sign out) using Android Studio.

Skills & Interests

- Languages / Technologies: Proficient in Python, Java, C, Familiar with SQL, C++, CSS, JavaScript. Experienced with AWS, Android Studio, Django, React, Linux, Windows and Mac.

- Additional: - Statistical Analysis
- Competitive Programming: HackerRank , Codechef (4★)

Honors & Awards

- HackerRank - Problem Solving (6★)
- Rest API (Intermediate) Certificate - HackerRank