SHENGNAN ZHANG

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EDUCATION

Northeastern University, Boston, MA   *Sept 2023 - Current*
Master of Science in Information System - 3.5/4.0

University, Bangalore, Karnataka, IN   *Jul 2017 - Jun 2021*
Bachelor of Technology in Computer Science and Engineering - 8.89/10
Twice recipient of CNR Rao Merit Scholarship (2017 and 2018)

SKILLS

- **Languages**: C++, Python, Java
- **Tools**: Git, Micro controller programming

ACADEMIC PROJECTS

- **MBTA-Tracker**   *Jan 2024 - Feb 2024*
    - Built a simple website to track the buses operated by MBTA.
    - The main focus of the website is to be more accurate compared to Google Maps.
    - The website allows users to choose the bus routes and search for the stops and the buses.

- **Robot Arm**   *Jan 2024*
    - Built a 3 axis robot arm using 3D printed parts and servos.
    - Wrote C code to transform real word co-ordinates into the angles of the joints so that the arm can be positioned accurately.

- **KNN used to detect lies**   *Dec 2023*
    - Implemented a version of the KNN algorithm on a dataset to detect if a person is telling a lie or not.
    - The features of the dataset contained information regarding the perspiration and skin conductivity of the person.