The **Lab of Data Science and Visualization (DSV)** aims at improving the effectiveness and efficiency for smart manufacturing by providing advanced data fusion models and cognitive visualizations. Currently, the DSV lab will need to build a web-based visualization platform for a smart manufacturing processes.

**DSV website:** [https://sites.google.com/a/vt.edu/ran-jin/about](https://sites.google.com/a/vt.edu/ran-jin/about)

**Wage Position:** Web-based visualization and real-time database programmer

**Requirements:** The DSV lab is currently looking for an experienced VT undergraduate student to help build modules or APIs for the Web-based visualization and a real-time database. More details will be discussed with those who applied. General requirements for applicants are as follows:

- Experience with Python or C++
- Experience with Web based languages: HTML, PHP, Javascript, etc.
- Knowledge of designing and structuring API for visualization
- Web development experiences
- Willingness to work at DSV lab for at least 10 hrs/week

**Compensation:** The recruited student will start working from November 2017 on an hourly wage position. According to the performance, the job will be extended for the next semester.

**Contact Information:** Please contact Mr Xiaoyu Chen ([xiaoyuch@vt.edu](mailto:xiaoyuch@vt.edu)) if you have any questions. If you are interested in this position, please send Mr. Chen your resume.

This advertisement is approved by the Director of DSV lab: Dr. Ran Jin.