



Seeking Undergraduate Researchers!

All undergraduate researchers are expected to commit 8-10 hours per week on the project. Registration for research credit is strongly encouraged. Course credit options are variable.

Mentor Name: Dr. Vivian Wong

College: College of Design, Construction and Planning (DCP)

Department: Urban Planning & Construction Management.

Project Description: Hi, I am an assistant professor in the College of DCP. I am seeking an undergraduate researcher to assist with a deep learning applications project focused on the spatio-temporal data of pedestrians in built environments. Most codes and experimental results are already prepared; we need help converting them into a usable open-source deep learning modeling toolkit and dataset benchmark. The ideal candidate should have experience with PyTorch and be familiar with GitHub. Preferably, the candidate should also have experience in creating a Python library (i.e a library that people can pip-install or conda-install).

This position offers the opportunity to co-author. I strongly encourage that we work on applying to the University Scholars Program together, but if we are rejected, you can choose to receive either 0-3 units of undergraduate research course credit or alternatively get hourly compensated as an OPS. The complete implementation should not take longer than one

☐ Work Study ☒ Paid ☒ Unpaid