



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 semester, but if you are interested in the topic, there is potential for a longer-term working relationship on future projects. If you are interested, please contact Dr. Vivian Wong at vivian-dot-wong-at-ufl-dot-edu. Thank you!

Potential for Co-Authorship: Yes

Class-Standing Preference: None

Potential to work fully remotely: No

Opportunity is:

☐ Work Study

☒ Paid

☒ Unpaid (credit)

