GEARS Student Evaluation Summer 2021

Program Overview: Administered by the NC State University Global Training Initiative (GTI), GEARS is a 4 to 8 week long academic, research and cultural exchange program that enables domestic and international students to experience campus life and academic research at universities across North Carolina. Participants in this non-degree and non-credit program have a rich on-campus experience, participate in a variety of cultural and social programs, explore research relevant to programs at their home institution and present their work via a judged poster presentation exhibit. GEARS is a competitive program whereby students submit their Transcripts and CVs and apply for particular projects of interest mentored by university faculty. Student acceptance and placement decisions are made after consultation between GTI staff and mentoring professors.

*Due to the COVID-19 pandemic, the 2021 Summer GEARS program took place in a virtual format. Students and Professors communicated by video conference and email and projects were worked on remotely. All students turned in an electronic version of an academic poster with an accompanying video or audio presentation.

Mentoring Professor Name and Title

Min Chi

Mentoring Professor University and Department

North Carolina State University, Department of Computer Science

Mentoring Professor Email Address

mchi@ncsu.edu

Student Name

Bao, Yifan

Student Home University

Zhejiang University (ZJU)

Project Title

Semantic Segmentation and Adversarial Domain Adaptation

Duration of the Project (4, 5, 6, 8 weeks)

6 weeks

Project Overview: Please give a brief description of the research project, the tasks assigned and accomplished by the student and how closely you worked with the student.

In this project, Yifan and Feng, Rui proposed AdaptSegNet consists of two parts: one is the segmentation network, the other is the domain adaptation module. We use DeepLabV2 and DeepLabV3+ as the segmentation network separately. The effectiveness of AdaptSegNet are evaluated on Cityscapes and SYNTHIA.

Numeric Evaluation: Please rank the student from 1-5 on each statement below.
1 = Strongly Agree
2 = Agree
3 = Neither Agree nor Disagree
4 = Disagree
5 = Strongly Disagree
N/A = Non-Applicable

Student had, or acquired during the program, the theoretical knowledge necessary to properly carry out assignments

1 = Strongly Agree

Student had the analytical and critical thinking skills needed to complete assigned tasks

1 = Strongly Agree

Student understood tasks and assignments once instructions were provided without requiring much additional support

1 = Strongly Agree

Student was dependable and could be trusted to deliver results

1 = Strongly Agree

Student worked well independently

1 = Strongly Agree

Student worked well with others and was a team player

1 = Strongly Agree

Student communicated clearly, effectively and in a professional manner

1 = Strongly Agree

Student was punctual, able to respect a timetable and provided valid excuses when late or absent

1 = Strongly Agree

Student was able to accomplish their research tasks by the end of the program

1 = Strongly Agree

Overall, the student was pleasant to work with

1 = Strongly Agree

Overall, your interaction with the student during the program was positive

1 = Strongly Agree

Overall Impressions: Please provide any additional information regarding the student's capacities, as shown during their participation in the GEARS Program.

What were the student's most notable strengths?

The student is highly motivated and skilled. He works very hard and very effective.

In what areas could the student improve?

Nothing I can think of.

Please provide any additional comment you have on the student particularly if you selected Disagree or Strongly Disagree on the previous section

He is ready for graduate school. Any graduate school would be luck to have him. Good luck.

What additional skills or knowledge areas would you recommend for the student to be better prepared for graduate research or professional activity in their field of study?

He is ready.

Signature

Date

Wednesday, August 25, 2021