

Study Plan

by: Shaolun Ruan

Doctoral Stage

- **UNIVERSITY**



- SCHOOL: Kent State University
- FACULTY: Arts and Sciences
- DEGREE: Doctor of Philosophy
- SUPERVISOR: Qiang Guan(*See relative materials for more information*)
- MAILING ADDRESS: P.O. Box 5190, Kent, OH
- OFFICIAL WEBSITE: <https://www.kent.edu>
- POST CODE: 44242-0001
- INTRODUCTION: *Kent State University is one of the first American universities to be accredited by the Ministry of Education. The US News and World Report is ranked 176th (2018) by American universities. Kent is one of the nation's largest local education systems, the top three in Ohio. The authoritative US News and World Report named Kent one of the top 200 universities in the United States. In 2011, The Times ranked the best 200 universities in the world. Kent offers more than 270 undergraduate majors, 55 master's majors and 22 doctoral majors. With its comprehensive advantages, the Princeton Review has named Kent as one of the "Best Midwestern Universities" for many years, which proves its strength in teaching and research.*
- **STUDY PLAN:**
 - STAGE #1
 - Non-Degree
 - Program Start/End Date: 12 August 2019 - 20 December 2019
 - Condition: 9 credits that need to earn a grade of "B"
 - STAGE #2
 - DOCTORAL:
 - From December 2019
 - Academic Plan:
 - Schedule courses: *Data clustering and mining, Computer vision design...(For the first semester)*

- Grades: plan to get an "A" or higher grades for my qualifications of PhD and more Graduate Assistantship.
- Research Plan: Spend more than six hours each day to do research under Assistant Professor Guan's laboratory. Help my supervisor Qiang Guan finish his research projects and process my own research project at the same time. The plan is as follows(current):
 - Using our current research results "JobPlot" combined with the existing result "TensorView", it is designed to study the visual display of the deep learning training process, while monitoring the processing status of hpc in the back end, at what time high load situation occurs Abnormal moment. In this way, in our groundbreaking approach: based on the visual and operational learning of the deep learning training process, the description of the background hpc performance is added, so that the operator can use the background processor view to train the training process. More accurate judgment and management. In this project, I am responsible for the application aspect, including how to visualize the data, build the front-end platform, etc.
- Funding:
 - Research Assistantship: \$15,000 for the first year, paid on a semimonthly basis(include a partial tuition waiver of up to 9 credit hours).
 - Tuition funding: \$11,154 for the first year
 - In total: \$26,154
 - Student's Funding for: 9 MONTHS
- Milestones:

Period	Research Plans	other
1 st ^ year	1*SCI/EI(<i>first two author</i>), get doctoral hold,	get used to live in the US, take care of myself well, good speaking skills, keep fitness, keep excellent grades, good hair condition
2 nd ^ year	2*SCI/EI(<i>first two author</i>)	good cooking-skills, good shape, good relationship with local and Chinese students, learn how to drive
3 rd ^ year	3*SCI/EI(<i>first two author</i>)	fluent English, good healthy condition, good hair condition, be able to give talks
4 th ^ year	3*SCI/EI(<i>first two author</i>)	good healthy condition, good hair condition, get a Academic exchange, get my first own car
5 th ^ year	2*SCI/EI(<i>first two author</i>)	good healthy condition, good hair condition, find job in UESTC, get ready back to China and try to become a lecturer

Career

- GOAL: A lecturer in China
- UNIVERSITY: UESTC
- ADDRESS: XiYuan Avenue NO.2006, the University of Electronic Science and Tech of China
- POST CODE: 611731
- BRIEF INTRODUCTION: *Because of family and personal hobbies, I plan to choose the University of Electronic Science and Technology of China giving lecture to pursue my career. Because I like the feeling*

of being on campus, the strong academic atmosphere there and the comfortable environment of Chengdu. I and my partners agreed to come back to the alma mater to meet together. My alma mater's data visualization field has yet to be improved and freshed, so I dream of becoming the one who promotes the development of school visualization. In addition, my parents and my current girlfriends also like Chengdu very much. My parents have bought a property in Chengdu, so if this all comes true, it is the best choice for me and my family.

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