

Research Assistant for the Data Science Research Center
Duke Kunshan University
Job Description

Position Overview:

The Data Science Research Center (DSRC) at Duke Kunshan University (DKU) is an interdisciplinary research-dedicated unit that engages a broad spectrum of investigators. The center is now aggressively pursue interdisciplinary research on big data analytics over a broad range of applications including autonomous driving, advanced manufacturing, speech and language processing, healthcare, etc.

DKU is a partnership of Duke University, Wuhan University and the Municipality of Kunshan, China. The campus is located 37 miles west of Shanghai in Kunshan, which is connected to Shanghai via a 20-minute high-speed train. DKU currently offers graduate and undergraduate programs. For more info, visit <http://www.dukekunshan.edu.cn>.

DSRC is seeking applicants with expertise in speech and language processing, to engage in research collaboration between Duke Kunshan University and major industrial companies.

Research assistants will perform research and development works on research projects supervised by Dr. Ming Li, the Associate Professor of Electrical and Computer Engineering.

Reports to:

Associate Professor of Electrical and Computer Engineering

Essential Duties:

- Perform research and development works on research projects in DSRC.
- Implement and deliver solid systems and software to our research collaborator.
- Other tasks as assigned.
- University employees' job responsibilities will continue to expand in scope and depth as the University grows in size and complexity in its programs.

Required Qualifications:

- Undergraduate degree in Electrical Engineering, Computer Science, Physics or related major.
- Solid experience with speech recognition or speaker verification or speech synthesis or natural language processing.

- Strong software engineering skills in one or more of the following: C++, Python, and Java.
- Hands-on experience with a Deep Learning framework, such as Tensorflow, PyTorch, Keras, etc.
- Experience with scripting languages such as Python and shell scripts.
- Experience with Kaldi toolbox.
- Conference paper or journal paper on speech and language processing.