

Position Title: Software Research Assistant

Undergraduate and Graduate Students Eligible to Apply

About the Missouri Institute for Defense and Energy (MIDE):

The mission of MIDE is to improve the quality of life by bridging academia with industry to address wicked problems. The vision of MIDE is to lead in the development of technologies that directly and positively impact society and to grow the leaders of tomorrow in a team-focused culture.

The main research areas within MIDE include high power electrical engineering, pulsed power, condensed matter physics, computational physics, radio frequency propagation and detection, alternative and energy storage, chemistry, biotechnology, and urban agriculture.

For more information about MIDE, visit umkc.edu/mide.

Position Summary:

UMKC is pleased to invite applications for a Research Assistant focusing on Software. This position will be responsible for research and development of software interface for next generation AI accelerator technologies.

Duties:

- Research on state-of-the-art compilers, interpreters and drivers
- Hands-on coding and embedded system interfacing
- Coordinate with hardware researchers to port applications to hardware
- Write reports, papers and proposals on innovative directions

Salary:

- \$17 per hour
- Up to 20 hours/week

To apply, please complete the application form located at https://umkc.co1.qualtrics.com/jfe/form/SV_09v41tZ5ow7v58G.