

# Call for talented students at the University of Minnesota



A team consisting of researchers from UoM and Duke universities are inviting undergraduate and graduate students to *participate a cutting-edge deep learning research*.

The project aims to develop novel computing architecture and algorithms to compress high-resolution images and videos, and to automatically extract object-level information from the compression domain. Applications include high-speed video streaming, high-resolution satellite image processing, video-text translation, etc.

## **Enrolled participants will**

- Work with Professors, Postdoc Researchers, and PhD students to jointly achieve multiple project milestones
- Gain valuable experiences and helps for your job hunting, graduate program application, etc.
- Possibly publish academic papers

## **Eligible applicants should meet at least two of the following three criteria:**

- Solid computer science background (e.g. experienced in front/back end development, FPGA programming)
- Professional Python programming skills (better with Pytorch experiences)
- Understanding of basic statistical learning and deep learning

**Contact:** Please send your resume to [deep.learning.recruit@gmail.com](mailto:deep.learning.recruit@gmail.com) with the title “Applicant for deep learning projects”. Follow-up interviews will be arranged.