We are looking for **new PhD students** for the upcoming CSC scholarship round (application due on 17th January 2025, top-ups to full UNSW scholarship may be available) or regular UNSW scholarship (due on 9th May 2025) at the **University of New South Wales** (UNSW is ranked #19 in the QS Ranking 2025) or possibly at another Australian universities (June 2025 at the ANU; Giffith Uni. and RMIT may be an option). To succeed, you need an outstanding publication record, e.g., one or more first-author papers in venues such CVPR, ICCV, ECCV, AAAI, ICLR, NeurIPS, ICML, IJCAI, ACM KDD, ACCV, BMVC, ACM MM, IEEE. Trans. On Image Processing, CVIU, IEEE TPAMI, or similar (the list is non-exhaustive). Non-first author papers will also help if they are in the mix. Some patents and/or professional experience in Computer Vision, Machine Learning or AI are a bonus. You also need a good GPA to succeed. **Female** candidates are especially encouraged to apply.

New PhD students will work on problems that may span over fine-tuning/adapting VLMs, LLMs, diffusion models or Graph Neural Networks (PEFTs), design of new (multimodal) Self-supervised Learning and Contrastive Learning Models (images, text, videos, graphs, time series) or Adversarial or Federated learning or other contemporary fundamental/applied problems (learning without backprop, adapting FMs to be less resource hungry, protein de novo design, structured output generative models, visual relation inference etc.)

We are open to discussing your interests/topics (be it open category detection, segmentation, action recognition, anomaly detection, node classification, collaborative filtering, incremental learning, hyperbolic geometry, adversarial learning or federated learning, or generative models such as adapting stable diffusion or scoring function models, or other related topics), if you reach out, we can discuss what is possible. Yes, we have GPUs.

Interested? Reach out for an informal **chat with Dr. Koniusz. I am at NeurIPS if you want to chat? Or find me on the Whova app: attendees->QR code->Scan an attendee------->**

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