SENIOR LECTURER

DEPARTMENT/UNIT	Data Science & AI
FACULTY/DIVISION	Faculty of Information Technology
CLASSIFICATION	Level C
WORK LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The **Faculty of Information Technology** aims to lead global IT research and education. Our strong reputation and international profile attracts the best students worldwide and we offer a range of accredited courses that transform our graduates into highly skilled and sought after IT professionals, equipped to work globally. Our research is multi-disciplinary, multi-campus and multi-national, giving us a unique capacity to reach out further and deeper than any other institution in Australia. Our research priorities are both technically ambitious and embedded in everyday life. To learn more about the Faculty and the exciting work we do, please visit www.monash.edu/it.

POSITION PURPOSE

A Level C academic is expected to make significant contributions to the teaching effort of a department, school, faculty or other organisational unit or an interdisciplinary area. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities.

In addition to teaching, the primary purpose of the position is to conduct world class research in the field of computer vision. Topics of interest include, but are not limited to: 3D vision, vision + language, weakly supervised or self-supervised classification, detection and segmentation tasks. The position requires a passion for research, a proven research track record in computer vision, an ability to work independently as well as lead a team, and a willingness to work on inter-disciplinary research projects and seek external funding. The candidate is expected to align with the group goal on building up a world-class computer vision team.

Reporting Line: The position reports to Professor of Data Science and AI

Supervisory Responsibilities: This position provides direct supervision or co-supervision to 2-3 PhD students

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level C academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions

2. Initiation and development of subject material

3. Course coordination

4. The preparation and delivery of lectures and seminars

5. Supervision of major honours or postgraduate research projects

6. Supervision of the program of study of honours students and of postgraduate students engaged in course work

7. The conduct of research

8. Significant role in research projects including, where appropriate, leadership of a research team

9. Involvement in professional activity

10. Consultation with students

11. Broad administrative functions

12. Marking and assessment

13. Attendance at departmental, school and/or faculty meetings and a major role in planning or committee work

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:

    -   A doctoral or masters qualification in the relevant discipline area or equivalent accreditation and standing

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors

3. Demonstrated statistical analysis and manuscript preparation skills; including developing a solid track record of refereed research publications

4. Ability to work positively and cooperatively with students, internal and external teams and external organisations

5. Demonstrated strong record of teaching experience in a tertiary environment

6. Demonstrated ability to motivate, actively engage and educate a given audience

7. Demonstrated experience in curriculum and subject material development

8. Proven ability, commitment and passion for engaging in scholarly and research activities

9. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

10. The candidate should have at least 4 first-author publications in top computer vision venues such as CVPR/ICCV/ECCV/TPAMI or top machine learning venues such as NIPS

11. The candidate should have a clear focus in his/her previous research and be clear about the future directions

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required

LEGAL COMPLIANCE

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.