Optus Fellows (ALA/ALB/ALC) in Machine Learning/Robotics/IoT, Curtin University, Australia.

Description

Location: **Perth**

- **2 – 4 years fixed term - Research Focused position**
- **A competitive salary will be offered plus 17% superannuation**
- **Relocation provided for you and your immediate family**

Curtin University and Optus Business

Curtin University and Optus Business have recently formed an alliance to collaborate in research in the Artificial Intelligence field. The focus of the collaboration will be in the impact of artificial intelligence on regional telecommunications, higher education and the urban environment. The five-year alliance will develop an artificial intelligence research group embedded in the School of Electrical Engineering, Computing and Mathematical Sciences at Curtin University, with strong links to the Curtin Institute for Computation. The alliance will leverage synergies between Curtin's excellent research, teaching and learning capabilities, and Optus' market-leading technology and 5G infrastructure capabilities.

Your new role

As an Optus Fellow in Machine Learning / Robotics / IoT, you will be part of a dynamic team of Optus Researchers, and HDR students focusing on applying artificial intelligence and 5G technologies in the key areas identified with Optus and its preferred partners. Your role is to contribute in building algorithms, models and large scale systems that solve problems including but not limited to telco management, transportation, urban planning, real time crowd management, retail intelligence, health informatics, industry 4.0 etc. using telco and other data sources.

You will also:

- Have access to real-world data from and fully engaged with both Optus and Optus preferred partners, thus making the real impact
- Lead in teaching as a course convenor at undergraduate and postgraduate levels; this will equip you with the experience required for tenured/continuing academic positions
- Collaborate with academics from Innovation Central Perth (ICP), ARC Training Centre for Transforming Maintenance through Data Science (ITTC) to apply National and Competitive grants as project leader.
- Based on Perth but also work at one of the Curtin Campus overseas and/or carry out research for a period of time at the Centre's partner groups around the world (Singapore, Germany, China) and Australia (Canberra, Sydney, Brisbane)

You will bring to this role

- Doctoral qualification in computer science, electrical engineering, or relevant discipline to this position.
- Proven record of world-leading research, such as publication in top journals and/or contribution to internationally visible research projects.

- Evidence of quality and impact of research outputs/creative works including journal ranking, citation indices, patents awarded, reputation and standing of publishing house or other outlets, independent review from distinguished scholars or critics, or equivalent esteem measures as appropriate to the discipline.
- Demonstrated high-level communication and interpersonal skills with a commitment to the development of a collegial and supportive working environment and the ability to interact with students and staff with cross cultural sensitivity.
- Commitment to excellence in education and research supervision.

What we offer you

The Faculty of Science and Engineering offers exciting career paths and trajectories including:

- Conducting innovative work that will make real-world difference
- Interactions with and learnings from industry, government and academic partners
- International recognition

Curtin University offers a competitive remuneration and benefits package, a friendly and collaborative work environment, generous leave entitlements, flexible working arrangements, a relocation allowance, generous superannuation, salary-packaging arrangements including childcare, and the potential to support dual-career arrangements.

What we need from you

Cover letter, Full CV, research statement of no more than 5 pages; In your cover letter, you are encouraged to respond specifically to the selection criteria.

Application close: Ongoing until filled

Valuing Diversity and Inclusion

At Curtin, we are committed to Aboriginal and Torres Strait Islander reconciliation, diversity and social justice and aim to create an inclusive environment where our staff and students are valued and inspired. This includes a supportive recruitment process should you require any access assistance.

Curtin University has a bold vision to be one of the leading institutions in the Asia-Pacific region. Curtin is now entering an exciting phase as it focuses on further building its research capacity, and improving its already strong reputation for innovation in learning and teaching.

scieng.curtin.edu.au/schools/electrical-eng-computing-maths

computation.curtin.edu.au