

SELECTION CRITERIA

Use this form to define the selection criteria for an academic position at the University of Adelaide.

POSITION DETAILS

School/Branch: School of Computer Science

Classification: Level A/B

ESSENTIAL MINIMUM CRITERIA

- 1 PhD (or equivalent qualification) or have equivalent industrial experience in Computer Vision, Photogrammetry, Robotics, or other closely related area
- 2 A good first degree in Engineering, Computer Science or a related discipline
- 3 Deep knowledge and demonstrable expertise in visual geometry and/or sensor fusion
- 4 A high degree of expertise and experience in computer programming and software engineering, especially in C++ and Matlab
- 5 Ability to work independently and as part of a team
- 6 Ability to communicate scientific and programming ideas clearly to team members and/or an informed lay audience, both orally and written

DESIRABLE CHARACTERISTICS

- 1 A strong publication record commensurate with experience and opportunity, especially relevant publications within the fields of visual geometry, SLAM, and/or multi-sensor fusion
- 2 Experience working with multiple sensors (especially inertial sensors) and sensor fusion algorithms and implementations
- 3 Specialist skills such as experience with building real-time systems, multi-threaded programs and use of GPU hardware
- 4 A track record of building working software systems for visual measurement

Approvals: Head of School / Branch Manager	Head of School / Branch Manager Name: Signature: Date:
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Acknowledgement of Incumbent	I have read and understood the requirements of the position Name: <i>(please print)</i> Signature: Date:
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