To whom it may concern,   Melbourne, 29 August 2013

John Robert Cornish

has spent a good deal of 2013 working, under my supervision, on a University of Melbourne
Summer Research Experience project. The task has been to design and implement a
program analyzer that can perform sophisticated reasoning about array-manipulating
programs. This has involved a large amount of reading, detailed discussion, innovation,
programming in C++, as well as documentation. Rob is the primary author of a paper
currently being written, describing the method.

Rob is extremely dedicated to his work, and hard-working. There is a small remuner-
ation for doing Summer Research, but Rob has continued to work well beyond the period
for which he was paid. At the outset of the project, he quickly grasped the main research
ideas that we wanted to pursue and then set out to extract and understand the subtle
details from the literature covering related work. Once we had a clear idea of how we
should be able to use program transformation to build a very general program analyzer,
Rob began the non-trivial implementation.

Rob has been a self-starter and his can-do attitude has been of benefit to our project.
His English is very good, both oral and written. He is a solid and productive programmer,
able to start from abstract concepts and ideas, turning theory into practical, working
technology.

He is also very pleasant to work with and he has excellent team-working skills. He is a
great contributor in discussions and brain-storming. We quickly learned that Rob, unlike
many other research experience students, will ask questions and insist (in a respectful
way) on answers that he can make sense of. This attitude is important in collaborative
research; honesty, respect and trust are essential ingredients in a well-functioning research
team. In discussions, Rob is always frank, polite and constructive, while also ready to
question received wisdom.

In conclusion, it is a pleasure to recommend Rob for similar research tasks or related
jobs, and I do so without any reservation.

Please do not hesitate to contact me if I can be of further assistance.

Yours sincerely,

Harald Søndergaard
Associate Professor, PhD
Phone +61 3 8344 1342
harald@unimelb.edu.au