

**Cover letter:**

Bankwest - Part time Associate C Developer - Base24 Application, Perth WA

I am applying for this scholarship, to gain real world experiences of programming,.  
The scholarship is to work in an industry I would like to work in, and for which my skill set is ideal.

From my experience working as on the tall ship STS Leeuwin II, I have very strong interpersonal and team work skills. I trust I don't need to go into the details that sailing a tall ship is only possible with a lot of team work, on both a small and a large scale, setting one sail may require 4 people, sailing the ship requires working with and managing sometimes dozens.

I am a very fast learner, and can learn independently. For example:

I have taught myself python, and expanded from basic instruction on microcontrollers created a system to take instructions over serial, and actuate those into motor and steering controls for a remote controlled car.

Having worked on some moderate sized projects. I understand the importance of requirements, functional specification and detailed design documentation. I am also familiar with the use of Doxygen for embedded documentation.

I have some experience in testing systems, having tested everything I've ever had to work on, and understand the principals and considerations involved.

I am a fairly experienced C programmer, with some experience with the POSIX libraries.  
I began teaching myself C in 2007, for my Casio Graphics calculator. Since then I have moved on to program using Microsoft's Visual Studio and the GNU C compiler, and Atmel AVR studio.  
I rounded out my experience in C at university, scoring a high distinction in the C programming uni, and in multiple Electrical engineering units involving programming embedded systems in C.

I am currently in the 3rd year of a bachelor of computer and mathematical sciences (BCM) combined with a bachelor of engineering (BE). My Majors are Computation, Pure mathematics and electrical and electronic engineering I have 4 units remaining to complete the BCM. I maintain consistent High Distinctions in all computer science units.

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Lyndon White  
13 May 2011