

William George Looman

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43 Lynfield Ave
Ilam
Christchurch, 8041
New Zealand

Mobile: 027 738 4883
Email: ghostunderscore@gmail.com
Github profile: <https://github.com/Nemo157>
Stack Overflow profile: <http://bit.ly/stack-nemo>

Profile

I am a dedicated worker able to work well individually or as part of a team. I have a good grounding in Ruby, Python, Java, C#, C and C++ with a little experience in \LaTeX & Erlang and can pick up new computer languages quickly. I have built 6+ computers for myself and others; in building these computers I personally selected compatible parts, connected it all together and installed appropriate operating systems, drivers and software. I have had experience in setting up network, RAID/LVMs and virtualising machines under both Windows and Linux.

Strengths

- High level of technical skills relating to the IT industry.
- Quick learner, especially for any computer related activities.

Computer/IT Employment History

2010-2011 Summer Student Tait Electronics Ltd

Responsibilities:

- Transform a tool from an internal protocol to utilise SNMP.
- Update SharpSNMP¹ to support parsing more MIB data.
- Write a python utility to generate C mapping code from a set of XML, and config files.
- Write good accurate documentation on all changes.

2009-2010 Summer Studentship Plant and Food

Responsibilities:

- Design a farm irrigation calculator based off a spreadsheet prototype.
- Implement the design in C#.
- Self manage the design and implementation of this program.
- Document the program.

2008-2009 Casual Worker Canterbury University Centre for Teaching And Learning

Responsibilities:

- Support work around the new Moodle Implementation.
- Help run workshops teaching lecturers to use Moodle.
- Manage workflow within tasks assigned.
- Keep good records of work done, issues encountered, etc. and maintain confidentiality at all times.

Open Source Work

SharpSNMP

Updated the MIB parser to support parsing more of the information contained².

Rubinius

Small fix to some tests, hopefully more to come.

¹<http://sharpsnmplib.codeplex.com/>

²Change documentation: <http://db.tt/0nphrIa>

Current Course of Study

Bachelor of Engineering with Honours at University of Canterbury.

Year	Course	
2011	COSC428	Computer Vision
2011	COSC422	Advanced Computer Graphics
2011	COSC401	Machine Learning
2011	ENCE427	Computer Engineering Project
2011	ENEL429	Computer Hardware Engineering 2
2011	ENEL430	Control Systems
2011	ENEL438	Engineering Economics and Management
2010	COSC324	Advanced Software Engineering A
2010	COSC329	Algorithms and Artificial Intelligence A+
2010	COSC332	Data and Network Security A
2010	COSC363	Computer Graphics A+
2010	ENEL334	Electronic Device Engineering B
2010	ENEL350	Design and Management 2 A-
2010	ENEL351	Signals, Systems and Control A+
2010	ENEL353	Computer Hardware Engineering I A+
2009	COSC224	Introduction to Software Engineering A+
2009	COSC225	Human-Computer Interaction A-
2009	COSC227	Probabilistic Methods and Information Theory A+
2009	COSC231	Introduction to Data Communications A+
2009	ENCE208	C Programming A+
2009	ENCE221	Introduction to Computer Systems A+
2009	ENEL202	Circuits and Systems A+
2009	ENEL203	Principles of Electronics A
2009	ENEL211	Design and Management 1 Pass

Achievements

- I was selected for the National Science and Technology Forum, held in Auckland in January 2007.
- I am Proxima Accessit for 2007 at Marlborough Boys College.
- I achieved NCEA scholarships in Physics and Statistics with Modelling and got outstanding in Mathematics with Calculus in 2007.
- I was awarded the National Certificate of Educational Achievement (level 3), achieved with merit in 2007 and levels 1 and 2 in 2005.
- I achieved the pre-requisites for National Certificate in Computing (level 3) and National Certificate in Electronics Technology (level 2) in 2006.
- I was awarded the Koru Award for my outstanding performance during the 2009/2010 Summer Studentship programme at Plant & Food Research.

Referees

Dr. Hamish Brown
Scientist

The New Zealand Institute for
Plant and Food Research Limited
Private Bag 4704
Christchurch
New Zealand

+64 3 325 9394
+64 27 226 1166
Hamish.Brown@plantandfood.co.nz

Joe Osman
Design Engineer

Tait Radio Communications
175 Roydvale Avenue
Christchurch
New Zealand

+64 3 357 1584
joe.osman@taitradio.com