WIM LOOMAN
MAY 24, 2011

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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.

STRENGTHS

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

EMPLOYMENT

UNIVERSITY OF CANTERBURY   2011
COMPUTER SCIENCE AND SOFTWARE ENGINEERING TUTORING

- Tutoring first year computer science students.
- Courses tutored:
- COSC121

TAIT ELECTRONICS LTD   2010 – 2011

- Transform a tool from an internal protocol to utilise SNMP.
- Update SharpSNMP 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.

PLANT AND FOOD RESEACH LTD   2009 – 2010

- 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.

UNIVERSITY OF CANTERBURY   2008 – 2009
UNIVERSITY CENTRE FOR TEACHING AND LEARNING

- Support work around the new Moodle Implementation.
- Help run workshops teaching lecturers to use Moodle.
- Keep good records of work done, issues encountered, etc.
- Maintain confidentiality at all times.

OPEN SOURCE

SHARPSNMP[1]

- Updated the MIB parser to support parsing more of the information contained[2].

RUBINIUS[3]

- Small fix to some tests, hopefully more to come.

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[1] http://sharpsnmplib.codeplex.com/
[3] Change documentation: http://db.tt/0nphrIa
[3] http://rubini.us/

STUDY

4TH YEAR OF BE(HONS) AT THE 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 was awarded Proximae 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.

INTERESTS

Hockey, cycling, modern jive, hobby embedded development, video games.

REFEREES

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Scientist

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