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# WIM LOOMAN
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Profile  I am a dedicated worker able to work well individually or as part of a team. I am very well trained in C# and JavaScript (both client and server side); have a decent grounding in Ruby, Python, Java, C, C++ and Rust; and a little experience in LaTeX, Erlang & Elixir and can pick up new programming languages quickly. I possess a high level of technical skills relating to the IT industry, and am a quick learner.

Employment   TELOGIS                                                                 2011 — 2015

- Full stack software engineer working on Telogis Route

  ○ Agile development, scrum for first two and a half years, then transitioned to a more fluid kanban system.
  ○ Distributed advanced Vehicle Routing Problem solver.
  ○ Initially fully C# system; ASP.NET web application, distributed services and Silverlight client.
  ○ Soon after starting began transition to a JavaScript client. Lots of interesting problems integrating the JS and SL parts of the client together.

- Member of a committee involved with moving development as a whole towards a more micro-service oriented architecture.

- Implemented new services running on Node and OWIN (.NET 4.5) to demonstrate utility of the new service design principles.

### UNIVERSITY OF CANTERBURY                                                          2011 — 2011
COMPUTER SCIENCE AND SOFTWARE ENGINEERING TUTORING

- Tutoring undergraduate computer science students.

- Courses tutored:

  ○ COSC121 — Introduction to Computer Programming
  ○ ENCE260 — Computer Systems

### 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 RESEARCH 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].
DEFINITELYTYPED[3]
Contributed a variety of typings for libraries used at work and personal projects[4].
OTHER
A variety of other small contributions to projects.[5].

Study   UNIVERSITY OF CANTERBURY                                      2008 – 2011
BACHELOR OF ENGINEERING WITH FIRST CLASS HONOURS

- Computer Vision

- Advanced Computer Graphics

- Machine Learning

- Computer Hardware Engineering

- Control Systems

- Economics and Management

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, hobby embedded development, video games.

REFEREES      Available on request.

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[1] http://sharpsnmplib.codeplex.com/
[2] Change documentation: http://db.tt/0nphrIa
[3] https://github.com/borisyankov/DefinitelyTyped
[4] https://github.com/borisyankov/DefinitelyTyped/issues?q=author:Nemo157
[5] https://github.com/Nemo157