

# Max Ward

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Algorithmist, Biologist, Scientist, and Rational Human Being  
Curriculum Vitae

**OBJECTIVE**      A position in the field of computer science and software engineering with special interests in algorithmic thinking, bioinformatics, and programming language design and implementation.

**CONTACT**        *Email:* maxhwardg@gmail.com  
*Phone:* 0424 528 422  
*GitHub:* maxhwardg

**EDUCATION**     *Bachelor of Science (Honours)*  
University of Western Australia — Expected Completion July 2014  
Honours in Computer Science  
Course WAM (so far): 84.5 / 100.0  
Course GPA (so far): 7.0 / 7.0

*Bachelor of Science*  
University of Western Australia — Completed July 2013  
Major in Computer Science  
Major in Human Biology  
Course WAM: 86.458 / 100.0  
Course GPA: 6.917 / 7.0

*Christ Church Grammar School*  
Perth, Australia — Grad. May 2009  
TER: 99.4  
Prize for Computer Science (2008, 2009)  
Prize for Human Biology (2009)  
Captain of Cross Country (2009)

**SKILLS**         *Primary Languages:* Java, C/C++, F#, HTML, CSS, Python, PHP, L<sup>A</sup>T<sub>E</sub>X, SQL.  
*Secondary Languages:* Lisp, OCaml, Go, JavaScript.  
*Can Read:* Rust, Forth, D, Assembly, C#, Haskell, SML.  
*Operating Systems:* UNIX/Linux, Windows, Mac OS, Android.  
*Tools & Libraries:* Vim, Makefile, GDB, Visual Studio, Eclipse, .NET, C++ STL, Git, Mercurial, SVN, MySQL.  
*Biology:* Human Anatomy, Genetics, Evolutionary Biology.

**EXPERIENCE**    *Sterling Wine Auctions* 2010 — 2014

- Part-time Employee
- Database Administration
- Software Engineering
- Web Application Programming (MySQL and PHP)
- Client-side Programming (HTML, CSS, and JavaScript)
- Server Administration

**COURSEWORK** *Graduate:*  
Algorithms, Artificial Intelligence, Programming Paradigms, Operating Systems, Web Technologies, Genetics & Evolution, Human Anatomy, Neuroscience.

*Honours:*  
RNA, Bioinformatics, Biochemistry, Algorithms, Complex Systems, Soft Computing.

**REFERENCES** *Prof. Tim French — UWA*  
`tim.french@uwa.edu.au`  
Taught by Prof. French in several subjects. Prof. French also coordinates competitive programming at UWA, which I was regularly involved in.

*Prof. Amitava Datta — UWA*  
`amitava.datta@uwa.edu.au`  
Lectured by Prof. Datta in several subjects. Prof. Datta also supervised my honours project.

*Mr. Simon Morley — Sterling Wine Auctions*  
`Simon@theresponse.com`  
Managed by Mr. Morley while working at Sterling Wine. Mr. Morley also contracted me for freelance IT work outside of Sterling Wine.

**EXTRA** *Hobbies:*

- Competitive Programming
- Using New Programming Languages
- Designing Programming Languages
- Writing and Playing Music
- Computer Game Programming
- Science Fiction
- Rock Climbing

*Programming Competitions:*

2014	Google Code Jam	Round 1
2014	RIIT Unearthed	Stockpiles
2014	ANZAC Programming Competition	
2013	ICPC South Pacific Regional	Finals
2013	ICFP	Silence of the Lambdas
2013	ANZAC Programming Competition	
2013	ANZAC-PC voted best team name	Dijkstras on Bijkstras
2012	ICPC - South Pacific Regional	Finals
2012	ICFP	Silence of the Lambdas
2012	ANZAC Programming Competition	
2011	ICPC South Pacific Regional	Finals
2011	ANZAC Programming Competition	