delan@azabani.com

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1996-03-16
17 Larissa Road
Willetton WA 6155
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Education

2013 **Curtin University**
Bachelor of Science (Computer Science)
Course weighted average: 90.34

2008/2012 **Willetton Senior High School**
Western Australian Certificate of Education
Australian Tertiary Admission Rank: 98.85

Employment history

2014-02 **Casual academic** at Curtin University
Tutored classes for first year units in software engineering, and Unix
and C programming, with guidance, examples, and student assistance,
as well as administrative tasks such as marking tests and assignments.

2015-01/2015-06 **Technical operator** at Diamond Cyber
Improved the security of the organisation's upcoming public website,
investigated secure communications platforms for penetration testing,
and built a workstation for training new employees.

2014-04/2015-07 **Engineering outreach volunteer** at Curtin University
Demonstrated introductory programming skills using the Raspberry
Pi computer to eleven groups of high school students from years nine
to twelve, together with Engineers Without Borders Australia.

2014-03/2014-05 **Junior web developer** at Aspermont Limited
Supported and maintained a legacy content management system us-
ing ASP, VBScript, and Microsoft SQL Server, and aided with the
migration of applications to Amazon Web Services and ASP.NET.

2009/2010 **Software developer** at Willetton Senior High School
Built and maintained web applications using PHP and MySQL, to
enable staff to allocate classrooms, buses, and other facilities, and to
allow English students to review texts that they have studied.

Technical expertise

Programming	C, Java, JavaScript, PHP, Python, x86 assembly
Typesetting	BibTeX, CSS, HTML, Jekyll, LaTeX, Markdown
Databases	Microsoft SQL Server, MySQL, SQLite
Administration	Cygwin, Linux, OpenBSD, Windows Server

Awards and achievements

2014	Commendation from Curtin Science (2014 semester 2)
2014	Curtin Vice-Chancellor's List (2013 semester 2 — top 1%)
2013	Commendation from Curtin Science (2013 semester 2)
2013	Commendation from Curtin Computing (2013 semester 1)
2012	Curtin Science Excellence Scholarship
2012	Distinction in WACE Computer Science (second highest in WA)
2011/2012	First prize in the MAWA Have Sum Fun competition (twice)
2011/2012	Top student in WACE Computer Science (four times)
2009/2012	Bronze in the Australian Informatics Olympiad (four times)
2009/2010	Distinction in the Australian Mathematics Competition (twice)
2008	High distinction in the Australian Mathematics Competition
2007	Dux of Rostrata Primary School

Community involvement

2014-10/2014-12	**Mentor** at CoderDojo WA
	Provided training and support to school students aged 7–17 who are learning programming skills in weekend workshops at CoderDojo's branch in Curtin University. Languages used include Scratch, Python, Ruby, HTML, CSS, and JavaScript.

2014-11/2015-04	**President** at ComSSA
2014-03/2014-11	**Secretary** at ComSSA
2013-11/2014-03	**Ordinary committee member** at ComSSA
	Maintained official correspondence, minutes, web, email, and other computing services for Curtin University's computer science club. ComSSA provides academic assistance, student representation, and social events for computing, networking, and security students.

Online presence

Website	`https://www.azabani.com/`
GitHub	`https://github.com/delan`
Bitbucket	`https://bitbucket.org/delan`
Stack Overflow	`https://stackoverflow.com/u/330644`
Twitter	`https://twitter.com/dazabani`
LinkedIn	`https://www.linkedin.com/pub/delan-azabani/96/1a0/5b7`

Research interests

- Cryptography
- Programming language design
- Video compression
- Image processing
- Provably correct software
- Computational linguistics

Referees

Nigel Dutton   +61 419 043 926

Computer science teacher and systems administrator at Willetton Senior High School