delan@azabani.com

March 16, 1996
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

2015–   **Intern** at Diamond Cyber
Engaged in penetration testing for a variety of clients, while contributing to the growth of the test repertoire to be used for the regular assessments.

2015–   **Engineering Outreach Volunteer** at Curtin University
Demonstrated introductory programming skills using the Raspberry Pi computer to at least eleven groups of high school students from years nine to twelve inclusive.

2014–   **Sessional academic** at Curtin University
Tutored classes for Software Engineering 110 and Unix and C Programming 120, providing guidance, examples and one-to-one assistance, in addition to administrative tasks such as assessment marking.

2014   **Junior web developer** at Aspermont Limited
Supported and maintained a legacy content management system while aiding with the migration of applications to Amazon Web Services and ASP.NET. Technologies used include ASP Classic, VBScript, JavaScript and Microsoft SQL Server.

2009–2010   **Software developer** at Willetton Senior High School
Built, deployed and maintained web applications to enable staff to manage the allocation of classrooms, buses and other facilities, and to allow English students to provide feedback regarding texts they have studied. Technologies used include PHP, MySQL and JavaScript.

Technical expertise

Programming	C, C++, C#, Java, JavaScript, Mathematica, PHP, Python, SQL
Typesetting	BibTeX, CSS, HTML, Jekyll, LaTeX, Markdown
Databases	Microsoft SQL Server, MySQL, SQLite
Administration	Cygwin, Linux, OpenBSD, VMware ESX, 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–	**Mentor** at CoderDojo WA Provided support to school students aged 7–17 who are learning programming skills every weekend at CoderDojo's branch in Curtin University. Languages used include Scratch, Python, Ruby, HTML, CSS and JavaScript.

2014–	**President** at ComSSA
2014	**Secretary** at ComSSA
2013–2014	**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 students.

Online presence

Website	`https://www.azabani.com/`
GitHub	`https://github.com/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