delan@azabani.com

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

Education

2013–

Curtin University
Bachelor of Science (Computer Science)
Course weighted average: 91.54

2008–2012

Willetton Senior High School
Western Australian Certificate of Education
Australian Tertiary Admission Rank: 98.85

Employment history

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.

Awards and achievements

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