

Technical expertise

Programming	C, C++, C#, Java, JavaScript, Mathematica, PHP, Python, SQL
Typesetting	LaTeX, 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: 90.34
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	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