

## Technical expertise

<b>Programming</b>	C, C++, C#, Java, JavaScript, Mathematica, PHP, Python, SQL
<b>Typesetting</b>	BiBTeX, CSS, HTML, Jekyll, L <sup>A</sup> T <sub>E</sub> X, Markdown
<b>Databases</b>	Microsoft SQL Server, MySQL, SQLite
<b>Administration</b>	Cygwin, Linux, OpenBSD, VMware ESX, Windows Server

## Education

<b>2013–</b>	<b>Curtin University</b> Bachelor of Science (Computer Science) Course weighted average: 91.54
<b>2008–2012</b>	<b>Willetton Senior High School</b> Western Australian Certificate of Education Australian Tertiary Admission Rank: 98.85

## Employment history

<b>2014–</b>	<b>Sessional Academic</b> at Curtin University Tutored two classes of Software Engineering 110 students in semester 1 of 2014, providing guidance, examples and one-to-one assistance, in addition to administrative tasks including assessment marking.
<b>2014</b>	<b>Junior web developer</b> 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.
<b>2009–2010</b>	<b>Software developer</b> 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 (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–	<b>Secretary</b> at ComSSA
2013–2014	<b>Ordinary committee member</b> 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	<a href="https://www.azabani.com/">https://www.azabani.com/</a>
GitHub	<a href="https://github.com/delan">https://github.com/delan</a>
Stack Overflow	<a href="https://stackoverflow.com/u/330644">https://stackoverflow.com/u/330644</a>
Twitter	<a href="https://twitter.com/dazabani">https://twitter.com/dazabani</a>
LinkedIn	<a href="https://www.linkedin.com/pub/delan-azabani/96/1a0/5b7">https://www.linkedin.com/pub/delan-azabani/96/1a0/5b7</a>

## 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