

## 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

<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>	Cywin, Linux, OpenBSD, VMware ESX, Windows Server

## Awards and achievements

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

## Community involvement

<b>2014–</b>	<b>Mentor</b> 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.
<b>2014–2015</b>	<b>President</b> at ComSSA
<b>2014</b>	<b>Secretary</b> at ComSSA
<b>2013–2014</b>	<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

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Computer science teacher and systems administrator at Willetton Senior High School