nicola du toit
user experience designer

contact

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languages

english
afrikaans

personal info

age: 30
nationality: South African
ID: 8404120820085

education

2011 – 2014	M. Phil. in Information Technology	University of Cape Town

Coursework: *Computer Networks, Cyberlaw and Ethics, Object-orientated Programming (Java), Web Programming, Database Systems, Human Computer Interaction, Software Engineering, Research Methods.*
Dissertation: *Designing an interface to provide new functionality for the post-processing of web-based annotations.*

2008 – 2010	1st year Bachelor of Science	University of South Africa

Computer Science, Mathematics, Physics, Astronomy.

2004 – 2007	Bachelor of Music	University of Cape Town

with distinction in Chamber Music.

2002 – 2003	1st and 2nd year Bachelor of Arts	University of the Witwatersrand

Music, Psychology, Law, Economics and International Relations.

2001	I.E.B. Matric Certificate	Redhill High School

With distinctions for English, Afrikaans, Maths, History, French, Music.

experience

Oct 2014 –	iKineo (part-time)	Cape Town

Project/product manager.

Sept 2014 –	Xendica (part-time)	Cape Town

User experience designer and front-end developer.

2011 – 2014	Siyavula Education	Cape Town

User experience & interface designer, project manager, webmaster, quality assurance (QA) tester, copywriter, Mathematical Literacy textbook content coordinator & author.

2010 – 2011	Barrington Studios	Cape Town

Co-founder & co-manager of music studio and live performance venue.

	Ifo Music	Cape Town

Administrator & project manager.

2009 – 2011	Tiny Sunshine Music	Cape Town

Co-founder. Artists & events manager. Virtual assistant & project administrator.

2008 – 2010	St Cyprian's School	Cape Town

Part-time cello teacher, Grades R-12.

2008 – 2009	classical.com	London/Cape Town

Web content editor & graphic designer.

2008 – 2011	Self-employed	Cape Town

Freelance project administrator, web & graphic designer, virtual assistant, copywriter and musician.

awards

2004 – 2006	University of Cape Town Dean's Merit List	Cape Town
2002 – 2003	University of the Witwatersrand Dean's Merit List	Johannesburg
2002	University of the Witwatersrand Council Entrance Scholarship	Johannesburg

professional qualifications

2009	International Computer Driving License *Microsoft Windows, Microsoft Office, Internet*	ICDL via UNISA
2008	Licentiate of the Associated Board of the Royal Schools of Music *Performance, cello*	ABRSM
2003	Diploma of the Associated Board of the Royal Schools of Music *Performance, cello*	ABRSM

skills

- User experience and interface design, including responsive/mobile design.
- User-centred design techniques including stakeholder interviews, focus groups, contextual inquiries, prototyping, usability testing and heuristic evaluation.
- Workshop and participatory design facilitation.
- Project management and administration.
- Quality assurance testing.
- Graphic and web design, webmastering, desktop publishing, research.
- English and Mathematics authoring, editing, proof-reading and copywriting.

Operating systems

- Apple OSX
- iOS
- Microsoft Windows
- Ubuntu
- Android

Notable software

- Git
- Adobe Photoshop
- LaTeX
- Balsamiq
- GVim
- Axure
- Jekyll
- Inkscape

Markup and programming languages

Comprehensive knowledge of:
- HTML5
- CSS3
- XML
- CNXML+
- MathML

Working knowledge of Javascript, JQuery, Python, C++, Java.

Other

- Knowledge of and experience with Bootstrap, Wordpress, Plone, EPUB3.0 and Google Analytics.
- Fluency in English and conversational Afrikaans, working knowledge of French.
- Driver's license (code B) and own car.

portfolio

Siyavula Education: www.siyavula.com
UX, project management, project specification, collaborative graphic design, copywriting, testing.

The Thunderbolt Kids: thunderboltkids.co.za
UX, project management, project specification, research, site structure, testing.

Everything Maths and Science: everythingmaths.co.za and everythingscience.co.za
UX, comprehensive user-centred research, project specification, graphic design, copywriting, testing.

publications

June 2014	**Designing an interface to provide new functionality for the post-processing of web-based annotations**	University of Cape Town
	Dissertation submitted in partial fulfilment of the requirements for the degree of Master of Philosophy in Information Technology.	
Jan 2013	**Everything Maths Literacy Grade 10**	Siyavula Education
	Project management, textbook content coordination, authoring, editing, graphic design, proofreading.	
Jan 2012	**Everything Maths Grade 10**	Siyavula Education
	Technical editing, textbook authoring, graphic design, proofreading.	

international workshops

July 2012	**WYSIWHAT?**	Sourcefabric, Berlin
	Invited to participate in a week-long sprint to develop a new WYSIWYG editor, with collaborators from Sourcefabric, Connexions, and the OERPUB collective.	
Dec 2012	**Open Education Resources Developer Workshop**	Google, Mountain View
	Invited to participate in a workshop on global OER education initiatives, with Google developers and developers from international organizations working on open source education issues.	

interests

Professional: human-computer interaction, usability, cognitive psychology, visual design.

Personal: music, science, photography, dragon boating, trail running, flyball (dog agility).

references

Dr Mark Horner   Dr Carl Scheffler
Siyavula Education   Siyavula Education
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