

James Shorten

programmer

about

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South Africa

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twitter: @knofster

languages

First: English
Literate: Afrikaans

programming

C/C++
C#
ObjectiveC
Java
MATLAB
SQL
Basic DSP
IOS
Windows
Linux
Mac
PIC18 Assembly
Git

Other Skills

VHDL
Electronic Design
Technical Writing
Computer Networking

interests

Embedded Computing, Mobile Computing, Computer Networks, Cloud Computing, Computer Vision and Perception, Computer Security

education

2007-present	Bachelors of Engineering: Computer Engineering	University of Pretoria, Pretoria																								
	Running Average: 60%																									
	Projected Completion: 2013																									
2003-2007	High School	Hilton College, Hilton																								
	<table><thead><tr><th>Subject</th><th>Mark</th><th>Symbol</th></tr></thead><tbody><tr><td>Afrikaans (2nd Language HG)</td><td>71%</td><td>B</td></tr><tr><td>English (1st Language HG)</td><td>80%</td><td>A</td></tr><tr><td>Computer Studies (HG)</td><td>86%</td><td>A</td></tr><tr><td>Physical Science (HG)</td><td>88%</td><td>A</td></tr><tr><td>Mathematics (HG)</td><td>83%</td><td>A</td></tr><tr><td>Accounting (HG)</td><td>81%</td><td>A</td></tr><tr><td>Art (HG)</td><td>82%</td><td>A</td></tr></tbody></table>	Subject	Mark	Symbol	Afrikaans (2nd Language HG)	71%	B	English (1st Language HG)	80%	A	Computer Studies (HG)	86%	A	Physical Science (HG)	88%	A	Mathematics (HG)	83%	A	Accounting (HG)	81%	A	Art (HG)	82%	A	
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experience

Dec 2011 - Jan 2012	Conlog, Durban	Internship
	Internship in Systems Software Division.	

achievements

2012	1st Place CSIR Cyber War-games	CSIR
	Team placed 1st in the first CSIR DPSS Command, Control and Information Warfare Cyber War-games.	
2010	3rd Place ERD320 Project	University of Pretoria
	A group I was part of placed third in an internal competition for the best project in ERD 320 (Computer Engineering Design)	
2008	Achievement Bursary	University of Pretoria
	Awarded Achievement Bursary based on matric results.	
2007	Computer Studies Prize	Hilton College
2007	Academic Colours	Hilton College
2007	Music Half Colours	Hilton College
2007	Appointed Chairman of Hollerith Society	Hilton College
2007	Awarded Level 2 Leadership Certificate	Hilton College

2007	Top 40 in National Computer Science Olympiad	Hilton College
2007	Artwork exhibited in Tatham Gallery Selected as part of the 2007 Top KZN Matric Art Exhibition	Tatham Gallery
2006	1st Place SAASTE National Science Olympiad	SAASTE
2006	4th Place SAASTE National Science Olympiad	SAASTE