James Shorten
Computer Engineer

about
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South Africa

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Find me on Linkedin
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nationality
South African
Irish

languages
First: English
Literate: Afrikaans

programming
C/C++
C#
ObjectiveC
MATLAB
DSP
Computer Vision
Windows
Mac
Git

other skills
Robotics
VHDL
Electronic Design
PCB Layout
Mechanical CAD
Computer Vision
Technical Writing

keywords

Computer Engineering, C++, Robotics

interests

Embedded Computing, Mobile Computing, Computer Vision, Robotics

education

2008-2013 **Bachelor of Engineering: Computer Engineering**   University of Pretoria, Pretoria

2003-2007 **High School**   Hilton College, Hilton

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

experience

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

achievements

2013   **Winner SAIEE National Student Project Competition**   SAIEE
Won the South African Institute of Electrical Engineers National Student Project Competition for my final year project.

2013   **1st Place in University of Pretoria EECE Final Year Project Competition**   University of Pretoria
1st place in Computer Engineering category and Overall winner of the University of Pretoria's department of Electrical, Electronic and Computer Engineering's final year Project competition

2012   **1st Place CSIR Cyber War-games**   CSIR
Team placed 1st in the first CSIR DPSS Command, Control and Information Warfare Cyber War-games.

2008   **Achievement Bursary**   University of Pretoria
Awarded Achievement Bursary based on high school results.

2007   **Top 40 in National Computer Science Olympiad**   Hilton College

2006   **1st Place SAASTE National Science Olympiad**   SAASTE