

Heinrich Strauss

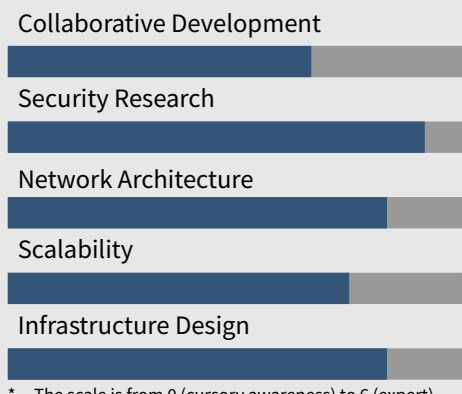
Messaging/Security Engineer

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About me

I enjoy new engineering challenges, especially in a large network or the Internet Service Provider space. I am passionate about creating solutions for the local industry that exceeds the quality of solutions available abroad. I believe that the Internet enables human-interaction, education and business opportunities to flourish in a global economy, without deference to the challenges local to consumers.

Skills



* The scale is from 0 (cursory awareness) to 6 (expert).

Attributes

goal-oriented*5 opinionated*4.5
curious*5.5 patient*4.5 cautious*5

interests

The provisioning and development of secure, first-class, next-generation information solutions for South Africa and the continent. Security (while important) should enable, not restrict, the use and development of business functions.

education

since 2014	M. Sc. (Computer Science) candidate By dissertation in Information Security	University of Cape Town
2013	B. Sc. (Hons.) Majoring in Computer Science	University of Cape Town
2002–2004	B. Sc. (<i>summa cum laude</i>) Majoring in Computer Science and Mathematics	University of the Western Cape

academic publications

Dec. 2016	Textbook: M.IT. Networks course notes (<i>in progress</i>)	
Oct. 2016	Paper: Reliable Key Distribution in Smart Micro-Grids	
Mar. 2016	Paper: Key Management for Secure Demand Data Communication in Constrained Micro-Grids	

conferences

Dec. 2016	B-Sides Cape Town 2016 Head of Workshops on the Conference Organising Committee	Cape Town, ZA
Oct. 2016	CRITIS 2016 <i>To present</i> a paper on distributed authentication in a constrained network.	Paris, FR
Mar. 2016	INTRICATE-SEC 2016 Presented a published paper on key-management on a constrained hardware platform.	Crans-Montana, CH

experience (permanent positions only)

01/11–12/12	Internet Solutions (a division of Dimension Data) Technical Specialist in E-mail and Anti-Spam Technologies; Responsible for Back-End Infrastructure, Customer-Facing Interfaces, Vendor Management and Fourth-Level Support on Windows, BSD and Cisco Proprietary Operating Systems	Bryanston, ZA
03/08–12/10	Web Africa Networks Technical Specialist in the areas of Messaging, Hosting, Virtualization, Server and Security Configuration; Fourth-Level Support	Cape Town, ZA
02/05–02/08	Sun International Head Office Technical Specialist in Messaging and Collaboration; Testing Laboratory administration; Third-Level Support; Infrastructure Deployments	Sandton, ZA

Comprehensive work-history is available at <https://hstrauss.co.za/cv/full>.

references

2016	Mr. Brendan Hide +27 83 448 3867	4Di Technologies, Cape Town, ZA
2015	Mr. Shahid Sulaeman +27 21 300 1001	Secure Vision, Cape Town, ZA
2010	Mr. Jonathan Shiffman +27 83 443 1124	Web Africa Networks, Cape Town, ZA

personal information

I am a Capetonian fluent in English and Afrikaans, with a strong interest in understanding other written languages. I enjoy networking in both the computing and social senses of the word, playing drums and photography. For relaxation, few things outrank a walk on the beach or a traffic-less drive around Chapman's Peak.