

# Louis-Philip Shahim

MSc. Student | Developer



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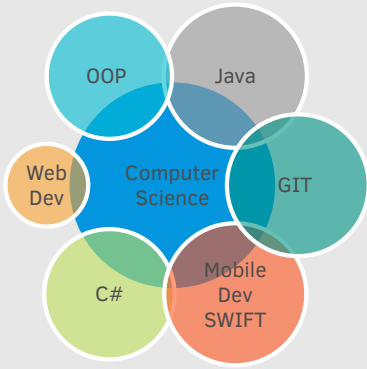
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lpshahim

## Skills

Overview



Programming

Swift Java C#

SQL WEB(CSS|HTML5|JS)

## Projects

C# & Java - I have had several C# and Java based projects throughout my studies, mostly Winforms based programs or using Xamarin Mono to develop console projects (with GIT source control).  
Udemy - Since my honours year I have actively been learning Swift, as well as, web development (JS, HTML5 and CSS) through the Udemy online platform.

## About me

I am an active sportsman and was a part of the university's 1st hockey team for 5 of my 6 years of studies, after which I continued to play social hockey for a local club. I also enjoy gaming but often find myself choosing quality time with friends and family over FIFA.

## Education

Since 2016	MSc. in Computer Science and Information Systems <i>Year 1 average: 70%</i>	NWU
2015	BSc. Hons. Computer Science and Information Systems <i>Year average: 72%</i>	NWU
	Honours Year Distinctions: <ul style="list-style-type: none"><li>ITRI671 - Creating an iOS-based Mobile Doctor application (Year Project): 76%</li><li>ITRI613 - Databases I: 75%</li><li>ITRI614 - Information Systems Engineering: 77%</li><li>ITRI621 - Data Warehouses II: 79%</li><li>ITRI624 - Information Systems Engineering: 81%</li></ul>	
2012-2014	BSc. Information Technology <i>Year average: 67%</i>	NWU
	Final Year Distinctions: <ul style="list-style-type: none"><li>ITRW315 - Communication: 78%</li><li>ITRW317 - Artificial Intelligence: 78%</li><li>ITRW321 - Databases: 76%</li></ul>	

## Masters thesis

Title	Cancelable biometrics using hand geometry-based steganographic techniques
Supervisors	Mr. D. P. Snyman, Dr. J. V. Du Toit and Prof H. A. Kruger
Description	This research involves determining the possibility of applying a novel approach to replacing commonly used database authentication systems with the use of a leap motion controller and steganographic biometric storage.
Completion	November 2017 / February 2018

## Publications

Pending...	L. Shahim, D. P. Snyman, J. V. Du Toit, and H. A. Kruger, <i>Cancelable hand geometry-based biometric authentication system using steganography techniques</i> , IARIA - International Journal On Advances in Security
2016	L. Shahim, D. P. Snyman, J. V. Du Toit, and H. A. Kruger, <i>Cost- Effective Biometric Authentication using Leap Motion and IoT Devices</i>

## Awards & Certifications

2017	Speaker - 46th ORSSA Annual Conference
2016	IBM-Application Security Analyst Mastery Award
2015	Golden Key Membership

## Experience

Since 2016	General C# Developer Part of a running project to develop a marking system for the humanities faculty of the North-West University. The marking system is called Backchat enables lecturers to physically chat to their students: they can record short snippets of feedback to student assignments, instead of writing it by hand. It is being developed in C# with the WPF framework and uses the NAudio library for recording. Possible future expansions include a web interface, integrating with existing university tools such as Sakai.
Since 2014	Lecturer's assistant and student facilitator Actively involved in assisting lecturers & students in modules such as Java, C#, Information System Engineering & Data Warehouses.