

Keith Vassallo

EDUCATOR & IT PROFESSIONAL

W <http://keithvassallo.com>

E hello@keithvassallo.com

Profile

I was born 15th September 1986. I am passionate about education and information technology, and try to combine the two whenever I can. In my free time I enjoy diving, reading and social activities.

Experience

IT System Engineer (Part-Time), NIU - 2014-Present

Provide consultancy and technical assistance on cloud architecture, primarily on the Amazon Web Services (AWS) platform. Also assist with the deployment and maintenance of several Linux-based virtual machines.

Director of Studies & Professional Development, ICE Malta - 2013-Present

In addition to the below lecturing duties, developed syllabi for courses at the institute, managed the level-rating process of courses, developed an internal system handling payments, class bookings, CRM and statistics and assisted in managing relationships with international training partners. Also in charge of ISO 9001:2015 documentation and internal auditing as Quality Manager.

Educator, Institute of Computer Education - 2011-Present

Lectured and developed syllabi and course material for courses including Java, PHP, JSP, Android development, GIT, Microsoft Project, Microsoft Visio, Database Development, Full Stack Development and more.

Lecturer, St. Aloysius' College 6th Form - 2008-2013

Lectured in Computer A-Level, Computer I-Level and Information Technology I-Level. Supported students in their Java & HTML programming assignments.

Testing & Support Engineer, 3CX - 2008

Tested the 3CX PhoneSystem IP-PBX. Was involved in the creation of templates for VoIP providers as well as the testing of VoIP phones and VoIP equipment. Was also involved in providing chat, phone and ticket support to customers.

Lecturer, STC Training - 2005-2007

Provided tuition services for the International Diploma in Computer Studies (IDCS) offered by NCC Education in the Programming Methods, Developing a Website, Systems Development and E-Commerce modules.

Software Developer, Malta Information Technology Agency (MITA) - 2007

Internship. In this internship, I was responsible for developing, testing and providing support for the Maltese Government's transport system, which takes care of vehicle registration, insurance and other compliance matters. My languages consisted of PowerBuilder and several .NET languages such as C# and VB.NET.

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Other Past (part-time/contract basis) Experience:

Lectured Business Technology and Integrated Business Management at EIE
Unit writer for MCAST Higher National & National Diploma subjects
Lectured Information Technology at G.F. Abela Junior College
Former member of MATSEC and MCAST syllabus panels in ICT subjects.
Freelance web development & software development work for several clients.

Qualifications

University of Malta, M.Sc. Information and Communication Technology with Computer Information Systems

Overall Grade: MERIT

Modules Covered: Advanced Databases - Data Models and Database Languages, Client-Server Computing using Interoperable Techniques, Developing and Managing I.S. Operations, e-Business Systems, e-Learning, I.S. Graphics - Applied 3D Modelling in I.S., I.S. Risk, Quality, Audit and Control, I.S. Strategic Analysis and Enterprise Computing, Patterns and Practices in Web Systems, Research Methods

Dissertation: Studied the pedagogical effectiveness of a course delivered using traditional, e-learning and VR-learning techniques. Developed prototype learning content for all three methods, including a 3D interactive VR environment.

Certificate, transcript of results and dissertation available on request.

University of Malta, M.Sc. Computer Science and Artificial Intelligence Preparatory Course

Overall Grade: DISTINCTION

Modules Covered: Artificial Intelligence, Machine Learning, Expert Systems & Fuzzy Logic, C#, Applied Web Engineering, Software Engineering II

London Metropolitan University, BCIS (Hons.) - Bachelor in Computer Information Systems (2008)

Overall Grade: UPPER SECOND CLASS WITH HONOURS

Modules Covered: Software Engineering Methods, Software Engineering Management, Advanced Database Management Systems, Management Support Systems, Computer Systems Management, Object-Oriented Analysis and Design

Dissertation: Created a software application to help migrate user data (documents, settings, application profiles etc...) from Windows to Linux. Coded in Java.

Certificate, transcript of results and dissertation available on request.

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NCC Education, IADCS - International Advanced Diploma in Computer Studies (2006)

Overall Grade: DISTINCTION

Modules Covered: Business Systems Analysis, Business Systems Design, Enterprise Networking, Database Design and Development, Advanced Java, C++, Internet Systems Administration, Internet Systems Security.

Certificate and transcript available

NCC Education, IDCS - International Diploma in Computer Studies (2004)

Overall Grade: DISTINCTION

Modules Covered: Business Communication, Business Organisation, Systems Development, Structured Programming, Web Development, Visual Basic, E-Commerce, Computer Technology.

Certificate and transcript available

Other Qualifications

AWS Certified Solutions Architect - Associate

Amazon Authorised Instructor (AAI)

Linux Professional Institute Certification, Level 1 (LPIC-1 v4)

SUSE Certified Linux Administrator (SUSE CLA), SUSE Linux Enterprise Server 11

Zend Certified Engineer, PHP 5.3

Microsoft Certified Technology Specialist (MCTS) in Microsoft Project 2010

Oracle Certified Associate, Java SE 8 Programmer

Certified ISO 9001 Internal Auditor

Grade 8 in Performing Arts (Group) at Trinity Guildhall.

Education

University of Malta

Master in Information & Communication Technology with Computer Information Systems

Master in Computer Science and Artificial Intelligence prep. course

STC Training / London Metropolitan University

Bachelor in Computer Information Systems (BCIS Hons.).

International Advanced Diploma in Computer Studies (IADCS).

International Diploma in Computer Studies (IDCS).

Cisco Certified Network Associate (CCNA).

Cisco IT Essentials.

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St. Martin's Institute of Information Technology

Ordinary Level Computer Studies.

Achievements

International Diploma in Computer Studies (IDCS) Roll of Honour Award

International Advanced Diploma in Computer Studies (IADCS) Europe and Rest of World
High Achiever Award.

Elected Student Representative during BCIS (Hons.) course.

Elected Student Representative during M.Sc. (Hons.) ICT with CIS course.

Referrals

Available on request.