

AHILAN SIVASAMY MSc, B.ENG.(HONS)

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OBJECTIVE

Experienced Computer Science, Information Technology and Engineering Senior Lecturer seeking for permanent in field of Computing and Information Technology position, dedicated with excellent leadership, management, training and communication skills willing to contribute to organizational efficiency and quality.

PROFESSIONAL EXPERIENCE

Senior Lecturer & Course Leader in Computer Science

Barnet Southgate College & University of Bolton (London, UK)

2014-2017

- Taught various modules to the first years, second years in Foundation Degree in Computing and the third years in BSc (Hons) Computing Top Up programme as well as course managed the entire computing programme at London Site in Barnet Southgate College for University of Bolton.
- Also, taught various IT and Computing related courses in Level 2 Diploma and Extended Certificate in Information & Creative Technology as well as Level 3 BTEC Extended Diploma in Information Technology.
- Course management involved interviewing, enrolling students as well as working with all students as their tutor in each year, keeping track of their progress, this involved organising various campus and off campus activities as well as their graduation. Also, attended various department level meetings with BSC and UoB as well as further professional development trainings.
- External OFSTED (Academic Regulatory External Body) Inspection Success Award for excellent student pass-rates, student retention rate, student achievement, resource management and quality lesson delivery.

Senior Lecturer in Computer Science & Engineering

University of Wisconsin Colleges & UW Fox Valley Campus, Menasha, Wisconsin, USA

2007 - 2014

- As an Instructional Academic Faculty taught several Computer Science and Engineering courses which included computer applications and concepts, web page development, programming in Visual Basic, C++, Java, and assembler. Some courses were taught face-to-face while others were delivered via distance education modes with interactive learning technologies and flipped or blended classroom techniques.
- Course manager and held office hours as a personal tutor for the students in above courses with various duties of selecting textbooks, software tools, teaching tools, wrote examination papers, invigilated them and graded them too.
- Developed and worked with various technological tools for the delivery of the all the above classes used various methods such as hybrid methods including face-to-face and distance

education via online, streaming videos by recording and uploading to media server, WIS-Line Web, Blackboard collaboration using Illuminate and using course management tools Desire-2-Learn enriched with Kaltura media tools, Wiki, VLE Tools and clickers technologies.

- Participated by taking on various roles in committees such as computer science committee professional development committee in the UW Colleges Computer Science program which is housed in the Computer Science, Engineering, Physics and Astronomy (CSEPA) Department.
- Participated in various roles at UW Fox Valley Campus committees such as lectures and fine arts committee and co-advisor for student organisations such as FoxBytes (UWFox campus computer club), Students for Sustainability club and worked with Fox Engineering Society (FES).
- Attended trainings on various instructional technological tools as mentioned above and on newer ever changing technological tools for campus and teaching. Gave technological support to faculty and staff members in the use of instructional tools and delivery. Tools such as course management tools, multimedia tools, CRM and content management tools, social network and web tools were used.

Lecturer of Information Communication Technology & Computer Science

Barnet and Southgate College of Further and Higher Education, London UK

2005 - 2007

- Lectured 200 plus students (14-19 years) and adult students (25-55 years) at their stages.
- These courses were IT Office Skills, Pre-degree IT courses and Nationally Certified IT courses.
- Course manager and personal tutor for Information Communication Teleology Course (Applied.)
- Wrote course curriculum, schemes of work, lesson plans as well as class profiles.
- Conducted departmental team meetings.
- Attended training programs; classroom management, curriculum development, student behaviour management, punctuality and lateness management.
- Wrote examination papers and invigilated examinations.
- Interviewed enrolled future students.
- Contributed to achieving "The Achievement of Departmental Award" For COVE (Centre of Vocational Excellence.)
- External OFSTED (Academic Regulatory External Body) Inspection Success Award for excellent student pass-rates, student retention rate, student achievement, resource management and quality lesson delivery.
- Organised class field trips which further enhanced relevant understanding of course material.
- Updated electronic register for student attendance, student profiles and student parent meetings.

Lecturer/Consultant of IT/Computing

Newham College of Further Education and St Patrick's International College, London, UK

2003 - 2005

- Head of the Information and Communication Technology and Computing Science as well as Computing inclusive of academic management and lecturing.
- Lectured a 100 plus students on a variety of courses from A' level, BTEC, HND to undergraduate degrees.
- Delivered lectures to ICT and Computing class students who received homework on a weekly basis.
- Conducted IT laboratory research sessions to aid individual projects.
- Created learning review reports for department head every 6-week period.
- Prepared university references for students.

- Assessed and selected students for examination for the AQA examination board.
- Maintained Education Business Systems by updating student attendance records.
- Created schemes of work for all classes.
- Set exams for students.
- Discussed student progress with their parents.
- Carried out induction tests and student selection processes.
- Successfully prepared for and met OFSTED (Academic Regulatory External Body) standards.
- Set subject assessments according to student differentiation.
- Carried out extensive administrative duties related to learning and teaching.

IT Consultant

Woodfield Building Services Ltd, London, UK

2001 - 2003

- Managed the property lettings, housing agents and rental system.
- Developed and managed customer database.
- Responsible for the technical account keeping system of these properties and clients
- Problem solving technical queries.
- Coordinated customer support.
- Set-up and maintained the network for technological administration purposes.

System Analyst

EQUANT Network Services Ltd, Slough, Berkshire, UK

1999 - 2000

- Managed Atlas Service Database on ORACLE 7.3/8i and Power builder.
- Developed scripts to transmit and export customer data into and from the ATLAS database.
- Created SQL script analysis reports using Excel reporting tool.
- Travelled to partners in Switzerland to provide data extraction facility.
- Coordinated customer support and feedback on the ATLAS product using Lotus Notes.

Software Engineer

ALCATEL Submarine Networks, London, UK

1998 - 1999

- Developed test programs using LabWindows/CVI for repeaters along fibre optics cables.
- Developed in C and C++ tools to transmit results into ORACLE and INGRES databases
- Wrote monthly software project development progress reports.
- Maintained the test results database on INGRES 6.4/ORACLE 7.1 and MS Access, including writing SQL scripts and upgrading the ORACLE platform.
- Produced SQL analysis reports using ReportSmith and Business Objects reporting tools for internal departments and external clients.

Software Engineer

Motion Media Technology, Bristol, UK

1996 - 1998

- Developed device drives in C programming language for video telephony using DDK and SDK kits
Developed NDIS-WAN miniport drivers for MS platforms such as Windows NT, 95 & 98 using C.
Performed debugging on the device drivers using SoftICE.
- Represented the company at the 1997 Telecommunications Management Association exhibition, an annual European telecommunications trade show, and demonstrated the video telephony products.

FORMAL EDUCATION

- **SOUTHGATE COLLEGE**
Certificate in Further Education Teaching City & Guilds Stage 1 and 2
Certified: October 2005
- **UNIVERSITY OF BRISTOL**
Master of Science in Advanced Computing
Concentration: Global Computing and Multimedia Design
Graduated: June 1998
- **KING'S COLLEGE, UNIVERSITY OF LONDON**
Bachelor of Engineering (First Class Honors) in Computer Systems and Electronic Engineering
Concentration: Digital hardware and software systems
Graduated: July 1996

COMPUTING SKILLS

- **Programming:**
Visual C, C++, C#, Assembler, Java, Visual Basic, SQL Plus/PL SQL Scripting, MFC, Java Applets, Java Scripts, Web design HTML, XML, XHTML, VRML, DHTML, UNIX Shell, Pascal, Basic, Modula2 and Fortran 77/90.
- **Software:**
MS-Office 97/2000/2003/2007/2010/2013/365 Suite, Lotus Smart Suite, MatLab, Spice simulation, Mathcad, various e-mail packages, Smart whiteboard Tools, Internet Tools and various browsers, WinSCP, Dreamweaver, Front Page, MS Access, Desktop Publishing, Outlook, CRM, various course management tools such as D2L, Moodle, Blackboard, Google Tools, Notepad++, PFE, SoftICE, LATEX, Visual Studio 2008/2010/2012/2013 and Eclipse IDE
- **Operating Systems:**
MS-Windows 95/98/ME/NT/XP/7/8, UNIX, MS-DOS, VAX/VMS, INGRES and ORACLE RDBMS, various flavours of LINUX such as Mint, Ubuntu, Mac OS and ChromeOS.
- **Reporting Packages:**
Business Objects, ReportSmith, Crystal Reports, Excel, various MIS and Oracle Forms.

ACTIVITIES/INTERESTS

- **Landmark Education (Curriculum for Living)**, London, UK
The Landmark Forum and Action Seminars (Intensive Three-Month Course)
The Advanced Course (5 Day Course)
The Self-Expression and Leadership Program (Three Month Course)
- **Sports:** Lewisham Town Sports Cricket Club & Surrey Simmers Cricket Club, London, UK
Cricket Captain, Football, Golf, Hockey, Badminton, Tennis, Swimming, Squash and Yoga

COMMUNITY WORK

- UK SSSO Website team management and development
- Teaching and coordinating SSE (for Young Children in Sathya Sai Educare Program)
- Homeless Runs — meals on wheels & clothes distribution
- Coordinating Age Link entertainment programs.
- Youth Activities — Musicals, Dramas, Community Service and IT projects.

REFEREES

Available upon request