



# Yasir Alguwaifli

Lecturer

## Personal Data

Nationality | Saudi

Date of Birth | 18/03/1985

Department | Computer Science

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Office Phone No. | N/A

## Language Proficiency

Language	Read	Write	Speak
Arabic	fluent	fluent	fluent
English	fluent	fluent	fluent
Others			

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
11/2013	Master of Science - Advanced Software Engineering	University of Sheffield	Sheffield - UK
8/2012	Bachelor of Science - Computing	Sheffield University Hallam	Sheffield - UK

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	
Master	Subsumption vs. Perceptual-Control Architectures in Behaviour-Based Robotics
Fellowship	

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Lecturer – College of Computer Science	Imam Abdulrahman Bin Faisal University - KSA	6/2014 - present
Engineering Aide	Saudi Aramco - KSA	11/2007 – 11/2008



### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Academic Advising Unit – head of the unit	N/A	6/2014 – 1/2016

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Web-based Systems	CIS 423	Coordinating course & delivering lectures to male section
2	Mobile Application Programming	CS 526	Delivered practical material
3	Fundamentals of Programming	CS 221	Delivered practical material
4	Object Oriented Programming 1	CS 311	Delivered practical material

#### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	The students will be presented with an overview of web-based applications, setup and the configuration of a web server. The course will cover the configuration of eclipse and MySQL, along with introductions to: HTML, basic tags, tables, lists, form, frames, images, hyperlinks, JDBC, drivers, types of drivers, connection pooling, Java server, JavaScript, JavaScript popup boxes, functions, events, objects, web security and credit card transactions, pages, Scriptlet, expression, declaration, JDBC and JSP, implicit JSP objects and an introduction to XML. Web performance will also be examined along with packaging, deployment, internationalization, localization, Java Servlet and parameter externalization.
2	This course gives a solid introduction to programming applications for smart mobile phones. The intention of this course is to provide students with information to make their own applications for smart phones. A detailed introduction to the different types of platforms and programming languages for mobile phones will be presented. The students will be able to program in Python for S60 and by the end of this course the students will be able to program their own applications. The main focus will be on applications with network support such as client-server applications. Symbian OS, Windows Mobile and Maemo are some of the development platforms that will be used. Python for S60, Java 2 Micro Edition (J2ME) and Symbian C++ are the programming languages chosen for application development during the course. This flexible course will be taught at different levels offering basic and enhanced knowledge, so that



	<p>students will learn about technical issues that will improve their programming skills, enhancing the students' skill resumes.</p> <p>A detailed introduction to different platforms and programming languages for mobile phones will be presented in this class and the students will acquire the skills to program in Python for S60. After this course the students will be able to program their own applications.</p>
3	<p>The Fundamentals of Programming course provides the student with the essential skills and concepts for programming. Specific topics covered include: an overview of algorithms and problem solving, the role of algorithms in the problem-solving process and fundamental programming constructs, such as: variables, types, expressions, simple I/O, looping, recursion, pointers, etc. Programming language features and programming paradigms will be examined along with the following topics: control, run-time environments and semantics as examples of procedural, functional, logical and object oriented programming. In practice the programming language used is ANSI-C. The syntax aspect of language and some pragmatic aspects such as comparison of interpreters and compilers as well as language translation phases will be studied in laboratory.</p>
4	<p>An introduction to programming and the use of algorithms in designing programs makes up this course. A software engineering approach to developing computer programs is stressed and object-oriented concepts are introduced. The course examines standard control structures, approaches to modularization and the use of primitive and structured data types. The purpose of this course is to provide students with the fundamental knowledge of Object Oriented Programming (OOP). Good software engineering principles will be emphasized along with the development of programming skills. Specific topics will include: the fundamental concepts of object oriented programming (classes, methods, instantiation, communication by message, encapsulation, inheritance, overriding, dynamic dispatch, polymorphism, etc.), advanced techniques of OOP (exceptions, multithreaded programming, etc.) and some interesting packages (I/O, strings, etc.). As an OOP programmer, students will be able to translate solution problems into object oriented form and they will understand object oriented concepts and tools such as the Unified Modeling Language (UML). This will give students a firm foundation on which to build high quality software systems. In practice the programming language used is JAVA and students will acquire an understanding of abstraction mechanisms, JAVA Virtual Machines (JVM) and the byte code notion.</p>



Administrative Responsibilities, Committee and Community Service  
(Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	2/2015	1/2016	Coordinator of college's web space	Imam Abdulrahman Bin Faisal University

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Programming web platforms and web services (service-oriented architecture) along with single-page applications on most open-source languages and frameworks
2	Ability to develop handheld application on android using Java

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Last Update

5 / 11 / 2016