

University Centre Colchester (UCC)

Staff Profile

Name:	Marzieh Farahani
Job title/role:	Lecturer in Information Technology Programme Leader, BSc (Hons) IT Applications and Systems
Subjects taught/administrative responsibilities:	Marzieh teaches the following modules: Software development; Web and database design, programming in C; C#, Visual Basic; ASP.NET; PHP; HTML5 and SQL; IT project management; Professional Development; Spreadsheet modelling; IT and Maths for Business; Quantitative Analysis; Systems Design and Analysis; Computer Game Design and Development. She is also a project supervisor and personal tutor.
Qualifications and Membership of Professional bodies:	BSc Chemistry, Tehran Teacher Training University BSc Internet Computing, Manchester Metropolitan University MSc Computer Studies, University of Essex PG CHEP, University of Essex HNC in Computing and Business Information Technology, Colchester Institute Marzieh is a member of the UK Higher Education Academy, the Association for Learning Technology (ALT), and the National Association of Programmers (NAP).
Experience in Education:	Marzieh draws on extensive teaching experience. She has worked in secondary education for ten years as a mathematics and science teacher before switching to IT and computer science in 2000. She has worked as research assistant for The University of Manchester, teaching assistant in Manchester Metropolitan University, lecturer in INTO University of East Anglia, lecturer in INTO City, University of London and IT and Computing lecturer in Colchester Institute since 2011.
Biography and personal interests:	Marzieh has considerable industry experience, having worked as a freelance programmer, a web and database designer, and programming in Java, Python, .NET languages, ASP, JavaServlet, JavaScript. Marzieh's hobbies include Middle Eastern Calligraphy and Illumination and glass painting.
Professional practice / research interests:	Marzieh's research interests are the pedagogical aspects of teaching programming languages in Higher Education generally, and more specifically in Intelligent Tutoring Systems (ITS), e-learning technologies and computer supported collaborative learning.

Recently completed research projects include:

“Effectively motivating, engaging and managing higher education students to learn computer programming.”

“Effective assessment and feedback techniques for computer programming modules in higher education practice.”

“Development of a multi agent’s intelligent tutoring system for teaching algebra KS3 based on National Curriculum in England.”

“Explore use of User Interface Design (UID) and Human Computer Interaction (HCI) principles in web application evaluation context: using heuristics evaluation techniques.”

Publications/consultancy/knowledge transfer:

Marzieh is a contributor to Stack Overflow, a website that serves as a platform for users to post and answer questions.