software analyst

Description

Code

2512.1

Description

Software analysts elicit and prioritise user requirements, produce and document software specifications, test their application, and review them during software development. They act as the interface between the software users and the software development team.

Alternative Labels

analyst of software
application analyst
programmer analyst
programming analyst
software analysts
software requirement analyst
software requirements analyst

Regulatory Aspect

To see if and how this occupation is regulated in EU Member States, EEA countries or Switzerland please consult the Regulated Professions Database of the Commission. Regulated Professions Database: **http://ec.europa.eu/growth/single-market/services/free-movement-professionals/qualifications-recognition_en**

Skills & Competences

Essential Skills and Competences

analyse business processes | create data models | create software design | define software architecture | define technical requirements | design information system | develop documentation in accordance with legal requirements | develop software prototype | execute feasibility study | identify ICT user needs | interact with users to gather requirements | manage ICT legacy implication | translate requirement concepts into visual design

Essential Knowledge

ICT system user requirements | business requirements techniques | data models | legal requirements of ICT products | software architecture models | software design methodologies

Optional Skills and Competences

analyse ICT system | create project specifications | create prototype of user experience solutions | ensure compliance with company regulations | ensure compliance with legal requirements | identify ICT system weaknesses | manage ICT project | manage system testing | monitor system performance | provide ICT consulting advice | solve ICT system problems

Optional Knowledge

ABAP | AJAX | APL | ASP.NET | Agile development | Agile project management | Assembly (computer programming) | C# | C++ | COBOL | CoffeeScript | Common Lisp | DevOps | Erlang | Groovy | Haskell | Hybrid model | ICT problem management techniques | ICT project management | ICT project management methodologies | Incremental development | Iterative development | Java (computer programming) | JavaScript | LDAP | LINQ | Lean project management | Lisp | MATLAB | MDX | ML (computer programming) | N1QL | Objective-C | Open source model | OpenEdge Advanced Business Language | Outsourcing model | PHP | Pascal (computer programming) | Perl | Process-based management | Prolog (computer programming) | Prototyping development | Python (computer programming) | R | Rapid application development | Ruby (computer programming) | SAP R3 | SAS language | SPARQL | SaaS (service-oriented modelling) | Scala | Scratch (computer programming) | Smalltalk (computer programming) | Spiral development | Swift (computer programming) | TypeScript | VBScript | Visual Studio .NET | Waterfall development | XQuery | computer programming | levels of software testing | object-oriented modelling | query languages | resource description framework query language | service-oriented modelling | unified modelling language

Concept URI

Concept Uri

http://data.europa.eu/esco/occupation/04ba4d6c-957d-417f-bf63-5b9e015a9f86

Status

released

Change log

From v1.0.8 to v1.1.0: