

Alessandro Scarlato

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Profile

- Recent graduate in Computer Science at the University of Calabria. Academic credentials reinforced through hands-on programming experience gained during an internship with the Sintegra Company.
- Consistently commended by professors and internship supervisor for programming ability.
- Strong grasp of web and cross-platform technologies (e.g. Ionic, AngularJS, Apache Cordova, HTML, CSS, JSP).
- Ambition is to become a fully-qualified and experienced professional in IT, with a longer-term aspiration of involvement in project management.
- Seeking a position in the IT industries where my current skills and knowledge would be of value to my employer and would allow me to develop these skills further in a practical and stimulating environment.

Key Skills

- Advanced trouble shooting and problem-solving abilities. Solid computing skills.
- A self-starter, team player and multitasker; consistently exceed expectations. Able to work autonomously.
- Familiar with a wide range of computer systems with a sound grounding in mathematics.
- Capable of developing and administering advanced software programmes within an industrial or administrative setting. Good at organizing and able to create efficient solutions with attention to detail.
- Create, develop and use relational databases. Familiar with methods and techniques for developing and implementing computer systems. Quick learner, keen to learn and improve skills
- Communication skills, both written and verbal, developed through numerous written tasks and presentations.
- Capable of evaluating algorithms and data structures for the problem in hand, planning and developing ideas.

Technical and Computing skills

Programming languages, scripting and markup:

Java, C ++, C#, Perl, JavaScript, PHP, HTML, CSS, JSP, AJAX, UML, DLV.

Database and persistence layer:

MySQL, Java Database Connectivity (JDBC).

Frameworks and other libraries:

Ionic, AngularJS, Apache Cordova, Jsoup, OpenGL, JMonkey Engine, Android SDK, OpenGL.

Integrated development environments:

Eclipse, Visual Studio, WebStorm, Android Studio, Tomcat, WordPress.

Operating systems:

Windows, Linux, Android, iOS.

Other applications:

Microsoft Office, OpenOffice, AutoCAD, GIMP, gitHub.

Education

Bachelor`s Degree in Computer Science at the University of Calabria, 2010-2016.

Modules included: Object-Oriented Programming, Algorithms and Data Structure, Graphical Interfaces and Event-Oriented Programming, Data Bases, Computer Architecture, Computer Graphics, Operating System and Networks, Artificial Intelligence, Formal languages and Compilers, Software Engineering, Web based Information systems.

Details of the courses I studied may be found on this link (in English): www.mat.unical.it/ComputerScience

Additional project experience supervised and evaluated by my tutors:

- [Films & Reviews](#). A Web Application for reviewing films which provides viewers with a means of response, participation and social interaction. The application displays a list of movies playing in Italian cinemas, extracted at runtime from the famous site "ComingSoon".
The technical systems included: HTML, CSS, JSP, JavaScript, Jsoup, JQuery, MySQL, AJAX.
- [Call of poverty - Old warfare](#). A 2D/3D game, in the genre "Shoot 'em up", written and developed in Java. Game modes available included: single-player, multiplayer, on-line.
The technical systems included: Java, JMonkey Engine, JTattoo, Jinput.
- [Quiz Battle](#). An Android game based on general knowledge challenges with a web interface for the administrator.
The technical systems included: Java, Android SDK, HTML, CSS, XML.

- [Tetris](#). I created an artificial intelligence module for the famous video game. This allowed the computer to play the game as an independent participator.

The technical systems included: DLV.

Advanced Linux Course, University of Calabria, 2010.

CompTIA A+, London, 2008.

London Community College.

27/08/08 Complete ECDL

14/11/08 NVQ for IT users

01/04/08 OCR Level 1 Certificate in Adult Literacy

14/04/08 OCR Level 2 Certificate in Adult Literacy

07/05/08 OCR Level 2 Certificate in Adult Numeracy

Select English Institute.

29/02/08 Intensive English at Upper Intermediate Level

Scientific High School Diploma, Cosenza (Italy), 2001-2006.

(Italian Equivalent of English A Levels studies) - English language and literature, Italian language and literature, Philosophy, Mathematics, Physics, Biology, Chemistry, History, Geography, Latin, Physical Education, Religious Studies.

Work Experience

Work Placement at the Sintegra Company, Rende (Italy), 2016.

Accomplishments and duties involved:

- Designed and developed a [cross-platform application](#) (Android, IOS, Windows Phone) used for the planning and tracking of the activities performed by employees during their working day
- Implemented cross-platform codes, designed App architecture, testing and deployment of client/server system, for Sintegra Company, the industrial partner for my graduation thesis
- Some of the app features included scheduling tasks, user profile management, statement of assigned tasks, change and password reset, exporting tables in excel and pdf.
- This application is aimed at business that want to improve their organizational and administrative management.
- *Front-end system:* Ionic, AngularJS, Apache Cordova. *Back-end system :* Php, MySQL.

CAD/CAM Design Technician, Cosentina Marmi, Cosenza (Italy), 2009 -2010.

Accomplishments and duties involved:

- Managing and creating CAD/CAM projects and vector drawings, for CNC machines.
- Responsible for machine operation and maintenance, providing technical advice and assistance.
- The manufacturing of prototypes and trials, itemising all components and materials used in production.
- Ensuring that all projects comply with health and safety requirements.
- Experience working within a busy design consultancy.

Volunteer service in the Italian Army, 2006 – 2007.

Accomplishments and duties involved:

- Values of discipline, team-work, self-reliance and the effectiveness of well-led team activity.
- After initial training in Capua (Naples), I was promoted to the rank of Caporal and assigned to the Operating Detachment of R.U.D. (Rome). The duties of this group entails supervision and protection of the logistical functions of Italian military installations, including those of NATO, and is responsible for a variety of intelligence activities.
- Also trained as a basic Fire Fighter and was awarded a Certificate of Proficiency.

Additional Information

Additional information can be found on my personal website: www.alessandroscarlato.it

References

Full references are available on request.