GIULIA CLEMENTI

Via Vallebona 19, 00168 Roma
giuliaclementi00@gmail.com
Born in Rome, Oct 28th, 1991

STUDIES

January – June 2016
Visiting scholar
University of Utah

October 2014 - today
Master's Degree in Informatics Engineering, student
Roma Tre University

October 2014
Bachelor's Degree in Informatics Engineering
Roma Tre University
Thesis: *Ship Commander: android app for plain sailing and celestial navigation*
Advisor: prof. M. Pizzonia (Roma Tre University)

November 2004 – September 2013
Violin Diploma
Conservatory of Music Santa Cecilia, Rome

2005 – 2010
High school diploma
Liceo Scientifico Augusto Righi, Rome

PROFESSIONAL CERTIFICATIONS IN COMPUTER TECHNOLOGY

Linuxshell Italy
Foundation Lelio and Lisli Basso Issoco
Via della Dogana Vecchia 5, 00186 Roma

June 2011
LCP 102 First certification LAMP
Grading: top marks (30/30)

April *2011*
Workshop Disaster recovery

March 2011
LSI 102 Second certification Linux System Administrator
Grading: top marks (30/30)

December 2010
LSI 101 First certification Linux base
Grading: top marks (30/30)

PROFESSIONAL ACTIVITIES

October 2015 – Today
CTO and Informatics teacher
Paolo Stefanelli Association

September 2013 - April 2014
PHP Programmation. Updating of LAMP application.
Linuxshell Italy for 'Libera. Associazioni nomi e numeri
contro le mafie'.

October 2011 – April 2014
Lessons and exams within the courses and certifications
Linuxshell Italy, Foundation Lelio and Lisli Basso Issoco

Via della Dogana Vecchia 5, 00186, Roma
Preparation of didactic material
Courses taught:
      LCP 201 First certification Java Programmer
      LCP 202 Second certification
          Java Advanced Programmer
      LCP 301 First certification PHP Programmer
      LCP 302 Second certification PHP Programmer
      LCP 401 First certification
          Android App Programmer

PARTICIPATION IN PROJECTS

October 2015 - Today
Team member within Visus Visualization Project, Scientific Computing and Imaging Institute, University of Utah
http://paoluzzi.dia.uniroma3.it/web/pao/doc/CAD16_Presentation.pdf

June 2015 – July 2015

Contribution to the paper '*HIJSON: cartographic document for web modeling of interactive indoor mapping*', an accademic research work led by prof. A. Paoluzzi, Roma Tre University.

November 2012 – September 2014

SHIP COMMANDER project leader. Development of an Android app to support nautical deporting.

LANGUAGES

Italian
  native language

English
  March 2014 – May 2014
      IELTS preparatory course (level C1)
      British Institute of Rome

German
  Zertifikat Deutsch für Jugendliche (B1)
  Göethe Institut Rom

TECHNICAL SKILLS

Operating systems   Linux, as user and administrator; experience in
                           partitioning, installation and configuration of
                           systems(Ubuntu and Fedora);
                           experience in the configuration of network services
                           SSH, FTP, DNS, DHCP.

Server administration   Apache 2 and Apache Tomcat

Networking   SDN (Standard OpenFlow); IEEE 802.1, 802.3, 802.11
                           standards; TCP, UDP, IPv4, IPv6 protocols, tunnel;
                           routing protocols RIP, OSPF, BGP; MPLS; experience
                           of the setup of emulated networks using virtual
                           machines.

Programming languages and modeling and development environments

                           UML and Unified Process
                           Development environments: Eclipse, Netbeans,
                           QTCreator
                           Programming languages:
                               Java: experience in programming servlets
                               and JSP pages, basic experience in the
                               development of graphical interfaces.
                               Android: programming and graphical

interfaces.
C - C++
Python
HTML, CSS
Scripting languages: JavaScript e Three.js,
PHP, bash and awk
Functional languages FL-based (PLaSM)
Current development and versioning systems:
Subversion and git

Databases	Relational model, conceptual data models (E-R diagrams), SQL language, MySQL as user and administrator.
Computer graphics	Image processing, neuroimaging, high performance computing