

Valerio LIBERA

PERSONAL DATA

PLACE AND DATE OF BIRTH: Rome, Italy | 28 December 1989
PERMANENT ADDRESS: Via San Tommaso d'Aquino, 7 00136, Rome, Italy
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WORK EXPERIENCE

APR 2019 - CURRENT	<i>MelaRossa Full Stack Web Developer and Mobile Lead Developer</i> Technical lead for MelaRossa mobile apps (Android, iOS). Backend developer. Front-end programmer for small service panels and Wordpress plugins.
SEP 2019 - JAN 2020	<i>Cordova Apps Development for StepApp</i> Maintenance and development of new features for some apps made by StepApp. The apps were realized using Cordova Framework for a client in the medical field.
MAR 2019 - DIC 2019	<i>React Native App Developer</i> Realizing multiplatform app (Android, iOS) using React Native. The app will send commands to an external device using a REST interface.
DIC 2018 - MAR 2019	<i>MelaRossa Android App Developer and Wordpress Expert</i> Developer of new features and bug fixes for MelaRossa Android mobile app, Fixing Wordpress website style and plugins.
DIC 2018	<i>SoulFilm Production Web Site Front-End Development</i> Developed Web Site Using pure HTML, CSS and JavaScript in Jekyll context
NOV 2018	<i>C# scripts developer for a Data Reporting System at SoftInTech</i> Developed backend interrogation scripts using .NET Framework in C# Language. The scripts query UniTorino systems to obtain data used in a Data Reporting System developed by SoftInTech
NOV 2018	<i>Kotlin Android Mobile App developer</i> Developed a prototype mobile app for a client using Kotlin language.
OCT 2018	<i>QT QML/C++ Software</i> Developed an interactive map in QT QML with a C++ interface. The component has been integrated in a complex C++ project for aeronautics.
SEP 2018 - CURRENT	<i>YouDermoscopy Android App Developer</i> Developer of new features and bug fixes for YouDermoscopy Android mobile app.

JUL 2018 - SEP 2018	<i>Software Analyst for Raspberry</i> Designed software for a Raspberry embedded in an innovative product.
MAY 2018 - JUN 2018	<i>Arduino HID Device Developer</i> Built HID device prototype using motion sensors and Arduino board.
APR 2018 - MAY 2018	<i>Athos/Unisoft PHP Developer</i> Edited components of Athos/Unisoft E-Learning platform using PHP language.
MAR 2018 - APR 2018	<i>Joomla Website for BnB Company</i> Requirements Analysis and Development of website based on Joomla platform. Edited Joomla php modules and components based on client requirements.
LUG 2017 - FEB 2018	<i>Software Analyst and Developer for GIS Web Platform</i> Experience as Software Architecture designer (ER, UML diagrams), Lead Developer of a small team. Developed Api using PHP language and Python tools interfacing with GIS System.
APR 2017 - JUN 2017	<i>Lead Programmer: Happy Kids Games - Corona 2D Game</i> Experience as Corona SDK developer in making Educational 2D Game for Android/iOS platforms
MAR 2017 - APR 2017	Mutina Romana Virtual Tour Developer at ALTAIR4 MULTIMEDIA S.R.L. Developed Virtual Tour System using krpano framework and JavaScript content viewers for MutinaRomana website.
OCT 2016 - APR 2017	<i>Software Engineer, Embedded Programmer; Mobile and Virtual Reality Expert at SUPERELECTRIC S.R.L.</i> Experience as programmer using Linux embedded platforms (ARM). Developing mobile app in cultural heritage sector. Experience in iOS Swift and Java Android development of enterprise app.
JAN-JUN 2016	Lead Programmer at SUPERELECTRIC S.R.L, Rome <i>Mapsoo Android App Developer</i> Developed Android App
MAY 2015	Duomo di Modena Virtual Tour Developer at ALTAIR4 MULTIMEDIA S.R.L. Developed Virtual Tour System using krpano framework for Unesco's Modena website.
2015	Augmented Reality Consultant for ALTAIR4 MULTIMEDIA S.R.L. Developed small Augmented Reality apps as integration for Altair4 books.
JAN-MAY 2013	Client-Server multiplatform Java Application for TELEARTE S.R.L. Developed Client-Server application to manage clients and invoices, using Java, JMS and MySQL technologies

2012 | *Programmer at Altair4 Multimedia S.R.L*

Developed Ancient Egypt 3D, an app for Android and Windows devices which permits to explore Altair 4 multimedia contents about Egypt. The app is developed in a native environment and is focused on multimedia interactions.

EDUCATION

OCTOBER 2016 Undergraduate Degree in COMPUTER ENGINEERING
103/110, **Sapienza**, Rome
Thesis: "Studio e Sperimentazione di tecnologie per la Realtà Aumentata su dispositivi mobili": "Studying and Experimenting technologies for Augmented Reality on mobile devices" | Advisor: Massimo MECELLA
GPA: 25.30/30 [| Detailed List of Exams](#)

JULY 2008 Liceo Scientifico Statale "Talete", Roma | Final Grade: 80/100

LANGUAGES

ITALIAN: Mothertongue
ENGLISH: Fluent
FRENCH: Basic Knowledge

COMPUTER SKILLS

Knowledges: JAVA SPRING, ~~TEX~~TEX, OBJC, KOTLIN, SWIFT , PHP, SQL, HTML, C++, C#,
UNITY 3D, CMS, NETWORKING, CORONA, PYTHON
REST, VUFORIA FRAMEWORK, KRPANO, UML, IOS , JAVASCRIPT, AJAX
Specialized: JAVA, ANDROID SDK, WINDOWS .NET FRAMEWORK, C/UNIX,
VIRTUAL REALITY, AUGMENTED REALITY, MOBILE DEVELOPMENT, WEB DEVELOPMENT

INTERESTS AND ACTIVITIES

Technology, Open-Source, Internet and Networks, Coding, Arduino, Lindy Hop,
Psychology, Music, Playing Instruments, Basket, Learning, Composing, Audio Engineering
Creative Process, Music Teaching, Psychoacoustics,
Computer Graphics, Video Editing, Travelling

Undergraduate Degree in COMPUTER ENGINEERING

Grades

ESAME (ITA)	EXAM (ENG)	GRADE	CREDIT HRS
Lingua Inglese	English	Suitable	3
Analisi Matematica I	Math Analysis I	25	12
Geometria	Geometry	18	9
Fisica	Physics	27	12
Fondamenti di Informatica I	Fundamentals of Informatics I	29	12
Calcolo delle Probabilità e Statistica	Calculus applied to Probability and Statistics	24	6
Economia e Organizzazione Aziendale	Economics and Company Organization	20	9
Fondamenti di Automatica	Fundamentals of Automation	28	9
Fondamenti di Informatica II	Fundamentals of Informatics II	27	12
Telecomunicazioni	Telecommunications	20	9
Calcolatori Elettronici	Computer Architecture	24	9
Basi di Dati	Databases	24	6
Sistemi Operativi	Operating Systems	28	9
Ingegneria degli Algoritmi	Algorithms Engineering	31	6
Progettazione del Software	Software Design	27	9
Elettronica	Electronics	18	6
Linguaggi per il Web	Web Languages	28	6
Diritto nella Società dell'Informazione	Legal Informatics	27	6
Progetto di Applicazioni Software	Software Project	30	6
Reti di Calcolatori	Computer Networks	26	6
Progetto Equipollente a Tirocinio	Internal Stage		12
Prova Finale	Final Test		6
		Total	180
		GPA	25.30

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