Curriculum Vitae et Studiorum

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Birth date and place:	28 December 1997 - Bari (Italy)
Citizenship:	Italian
EDUCATION AND TRAINING	**Nov. 2020** Enrolled in the Master's Degree course in *Automation Engineering* at the "Politecnico di Bari", specialisation in *Cyber Physical Systems* **Jun. 2020** Auriga Corporate Academy training course in *Banking Software Development, Cybersecurity & UX Design* at "Auriga SpA" **Jun. 2020** Bachelor's Degree in Computer Science and Automation Engineering at "Politecnico di Bari" **Nov. 2018 – Dec. 2020** Participation as author in the exhibition "Modulor or Algorithm?" promoted by Kubico srl with the patronage of ADI (Association for Industrial Design), Puglia and Basilicata delegation, promoted by H2O – Milan **Aug. 2017 – Dec. 2017** Preparation for competition in the Italian Army of Defense as a volunteer in prefixed service of 1 year (VFP1) **Feb. 2017 – Jul. 2017** Participation in the Specialization Master "Innovation and Digital Transformation" organized by Il Sole 24 ORE Business School and Events, 99 hours part-time (ISO 9001: 2008) **Jul. 2016** Scientific High School Diploma at the "Convitto Nazionale D. Cirillo" in Bari **2008 – 2016** Classical and Jazz piano lessons at the music school "Il Pentagramma" in Bari **Feb. 2016 – May. 2016** Online Course for Computer Moderation and Real-Time Support of Virtual Communities **Mar. 2016 – Apr. 2016** Participation in the project "Philosophia - A philosopher in the workshop" (https://sites.google.com/site/filosofoinofficina/home) under the patronage of the Club "Enterprises for culture" of Confindustria Bari **Nov. 2014** Selection for English scholarship and achievement of Cambridge English Level 1 Certificate in ESOL International (First) grade C, Council of Europe Level B2, achieved in London, at "Cambridge English Language Assessment"

WORK EXPERIENCES	**Gen. – Dec. 2022** Promoted to member of *Research & Development team* at "Auriga SpA" as Software Engineer. Full stack, main developer and co-architect for internal and European innovative projects.
	Gen. – Dec. 2021 Software Developer at "Auriga SpA" with professional apprenticeship contract. Full stack developer and engineer of a digital services sales and aggregation platform, microservices development, using innovative technologies (Quarkus, Angular, Docker, PostgreSQL, Camunda Platform).
	Sep. 2020 – Gen. 2021 Extracurricular internship at "Auriga SpA" as Software Developer
	Dec. 2016 – Today Freelancer programmer for PC and Android software development of management applications
	Gen. 2016 – Dic. 2019 Webdesigner freelancer at various gaming communities
	Nov. 2015 – Ad **Today** I give lessons in Mathematics and Physics to students of Middle School and High School.
	Oct. 2017 – Feb. 2018 Work in "Matel Elettronica Snc" as attache to the organization and management of the resources in warehouse
	Sep. 2016 Preparing and Managing Competent Staff for Computer Moderation
LINGUISTIC SKILLS	Italian (mother tongue)
	English (written and spoken level B2 CEFR)
	French (school level)
Skills and Technical skills	Good knowledge of basic hardware systems.
	Undergraduate electronic skills for configuration and assembly of Arduino and Raspberry based projects.
Computer Science Skills	Excellent knowledge of Java and JavaEE (ORM, DI, IOC), Spring Boot, Quarkus and Vaadin frameworks, database management using JDBC and JPA (Spring Data JPA, plain JPA, Hiebernate), Maven as software management tool.
	Excellent knowledge of git versioning control system.
	Good knowledge of Microprofile and Swagger/OpenAPI standards.
	Good knowledge of SAML, OAuth, OAuth2, OpenID Connect specifications (RFC protocol standards).
	Excellent knowledge of Docker and Docker Compose.
	Good knowledge of microservice-oriented development Design Patterns.
	Good knowledge of MatLab for calculus and artificial intelligence training.
	Good knowledge of C for micro-controllers development.
	Good knowledge of Javascript and Typescript, focused on frontend development using Angular framework, and browser technologies such as PWA and Service Workers.
	Good knowledge of Web Push technologies and VAPID protocol.
	Good knowledge of node.js and npm.
	Good knowledge of golang.
	Good knowledge of UNIX systems and Ubuntu servers.
	Good knowledge of internet protocols and architectural design for software development and IoT such as MQTT, AMQT, Protobuf, Google Pub/Sub, JMS, RESTful and SOAP API, RPC, gRPC, Websockets.

	Good knowledge of most popular SQL (PostgreSQL, SQLite, MySQL, MariaDB) and NoSQL (MongoDB, CouchDB, Elasticsearch) Database Management Systems. Good knowledge of nginx HTTP server as Proxy and Gateway. Excellent knowledge of Camunda Platform and the Camunda suite for Business Process Management, Business Process Design and Business Process Automation. Excellent knowledge of Godot Engine open source development environment (GDScript, GDNative) for 2d and 3d desktop, mobile and browser Games, Apps and UI development, XR (AR/VR). Good knowledge of the Arduino specific language and related programming for the management of the platform, components and shields. Good knowledge of the applications Forumfree, Joomla, XenForo (online creation of forums and web spaces fully customizable).
Relational/Social Skills and Competences	Working as a moderator of an online community I have developed attention to personal relationships. I understood the importance of being able to express a good interpersonal communication technique even in virtual relationships; but above all the importance of maturing one's own human "problem solving" skills to reduce the latency between the understanding of a problem and its actual resolution. Good listening skills, predisposition to work in a team. Aware of the importance of respecting existing roles in an organizational structure.
Artistic Skills	Hand drawing, digital processing and photo editing, digital music creation
Hobbies and other interests	I study piano and compose digital music, I practice martial arts and self-defense techniques (Krav-Maga), I love reading, especially science fiction novels.