



PERSONAL INFORMATION

Francesco Agostini



Gender Male | Date of birth | Nationality

JOB APPLIED FOR

Software engineers and full-stack developer

WORK EXPERIENCE

November 2015 – Present

Researcher / Software Designer and Developer / IT Manager

Occupation or position held

Part-time employee

Adaptica s.r.l.
via San Marco 9/H, Padua(PD), Italy

Application development for embedded biomedical instrument, software lifecycle maintenance and UI design. Development of remote communication backend and worldwide telemetry system with LAMP server or serverless application based on AWS. Creation of server and database, with user interface for statistics analysis.

Languages, framework and knowledge acquired:

- AWS Services: S3,DynamoDB,Cognito,Lambda,APIGateway,Route53,SageMaker with javascript/C++ sdk
- C/C++
- Qt from 4.8 to 5.12.4 for ARMv7/ARMv8/x86/x64/Android
- QML
- Linux Kernel editing for embedded application device driver and DTS customization
- OpenCV framework
- Unix shell scripting
- BSP and rootfs creation with buildroot/yocto/tib
- IoT backend development with NodeJS/PHP/MySQL
- ubiquiti network controller

October 2015 – Present

Researcher / Software Developer

Occupation or position held

Freelance Consultant

- Software engineering
- Web Application
- IoT distributed system backend and frontend
- Client Server application
- API interface
- Embedded system
- Security report
- Mobile app developer

November 2016 – March 2017

Researcher / Software engineers

CyBrain s.r.l.
Via Biron, 102, Monteviale(VI), Italy
320 hours Stage for graduation thesis

- Creation of cybersecurity solution for enterprise.
- Software refactor and engineering.
- Coding and developing in Javascript with NodeJS Es5/Es6

June 2010 – August 2010 **ITC**

Hard Service s.r.l.
Via del progresso 1, Peraga(PD), Italy
Summer stage for secondary school

- Network remote management
- Wireless and network system

JOB APPLIED FOR Light designer and sound engineers

WORK EXPERIENCE

october 2011 – Present **Light designer and sound engineers**

Occupation or position held Freelance technician for the show business

- Doc Servizi
via Pirandello 2B, Verona(VR), Italy
- Light designer and operator
 - Sound engineers and acoustic consultant
 - Video operator
 - Stage director
 - Rigger and PLA operator
 - Scene electrician

EDUCATION AND TRAINING

2020–Present Master Degree - Computer engineering, Artificial intelligence and robotics.
Padua University (PD) Italy

2012–2017 Graduation in Computer Science - Thesis Title: 'System Network Intelligence For Field Operation'
Padua University (PD) Italy

2007–2012 Secondary school
ITIS F. Severi Computer Science

PERSONAL SKILLS

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference (CEF) level

Communication skills – team work: I have worked in various types of teams from research teams for cybersecurity to biomedical. With successful integration and cooperation inside the team.

- Computer skills**
- competent with most Microsoft Office programmes
 - experience with C/C++
 - experience with AWS Services for serverless application
 - experience with Java
 - experience with Javascript
 - experience with Scala
 - experience with ASM
 - experience with PHP
 - experience with JSP
 - experience with CSS
 - experience with AJAX
 - experience with PERL
 - experience with Phyton
 - experience with XML
 - experience with XHTML
 - experience with Qt / QML
 - experience with NodeJS
 - experience with AngularJS
 - experience with Vue.JS
 - experience with device creation uBoot/kernel/yocto/buildroot/ltib
 - experience with Linux and windows operative system
 - experience with server management
 - experience with shell scripting
 - experience with Computer Hardware
 - experience with Network management system
 - experience with some hacking and exploitation framework

Other skills Experience with yamaha, midas behringer digital audio mixing desk, and with Avolites, ETC and MA lighting system. Abilitation for high risk work, work at height, and work on rope.

Driving licence A, B