PERSONAL INFORMATION   **Manuele Silvestrini**

JOB APPLIED FOR

WORK EXPERIENCE

September 2012 - Present   **Children's entertainer in "Oasi di Paradiso" non-profit organization**

Chiesa di S. Michele Arcangelo
Via Monte Dago 89, 60127 Ancona (AN), Italy

- Managing and coordinating school camp activities for children up to 14 years old
- Helping other members of the organisation in logistical and transport activities

Business or sector Services

February 2019 – March 2019   **Placement abroad as Electronic technician in Berlin**

Kubannek GmbH

Gartenfelder Str. 31, Berlin, Germany

- Producing and maintaining automated industrial systems for external companies
- Helping colleagues in their activities
- Performing cable management in industrial machinery
- Improving English and German languages

Business or sector Industry

September 2018 - October 2018   **Placement as University Researcher ("Alternanza Scuola - Lavoro" Programme)**

Modelling Laboratory, Engineering of Information department, Faculty of Engineering, Università Politecnica delle Marche
Via Brecce Bianche 12, 60131 Ancona (AN), Italy

- Designing and programming the motion and positioning system of a submarine robot for educational purposes
- Studying physics and fluid dynamics to develop an efficient motion system

Business or sector Study and research

June 2018 - July 2018   **Project Manager in "ClasseVirtuale" education project**
Loccioni

Via Fiume 16, 60030 Angeli di Rosora (AN), Italy

- Representing the project of a quality control system for standardised products
- Coordinating economic, technical and HR activities by monitoring the deadlines
- Building customer relations

Business or sector Industry

February 2018   **Placement as University Researcher ("Alternanza Scuola - Lavoro" Programme)**

Modelling Laboratory, Engineering of Information department, Faculty of Engineering, Università Politecnica delle Marche

Via Brecce Bianche 12, 60131 Ancona (AN), Italy

- Studying and using communication protocols (Bluetooth 4.0, I2C) to control interconnected devices for educational purposes
- Working with different development environments (LabVIEW, Arduino)

Business or sector Study and research

May 2017 - June 2017   **Placement as University Researcher ("Alternanza Scuola - Lavoro" Programme)**

Modelling Laboratory, Engineering of Information department, Faculty of Engineering, Università Politecnica delle Marche

Via Brecce Bianche 12, 60131 Ancona (AN), Italy

- Programming an interface to control the motion of submarine robots for educational purposes
- Soldering cables and connectors
- Perform cable management activities

Business or sector Study and research

EDUCATION AND TRAINING ────────────────────────────────────

September 2019 – Present   **Student at Università Politecnica delle Marche:**
                            Bachelor's degree in Electrical Engineering

                            Faculty of Engineering, Università Politecnica delle Marche
                            Via Brecce Bianche 12, 60131 Ancona (AN), Italy

                            - Currently attending the second year of the study course
                            - 63/180 university credits achieved
                            - 27,57/30 average mark

June 2020 - present   **Participation in the "RoboPisces" European project as Università Politecnica**
                       delle Marche student

                       Faculty of Engineering, Università Politecnica delle Marche
                       Via Brecce Bianche 12, 60131 Ancona (AN), Italy

                       Main activities:
                       - Preparation of the Robofish toolkits
                       - Packaging and preparation to the toolkits shipping
                       - Preparation of key lessons, instructions and tutorials attached to the toolkit
                       - Technical assistance to teachers involved in the project

November 2019   **Organizational support to "FabLearn" international conference as Università**
                 Politecnica delle Marche student

                 Faculty of Engineering, Università Politecnica delle Marche
                 Via Brecce Bianche 12, 60131 Ancona (AN), Italy

                 - Logistic support
                 - Explanation of the main activities carried out by part of the Engineering of Information
                   department
                 - Using technical language to inform people

October 2019   **School Delegate at "Maker Faire" electronics exhibition**

                I.I.S. Volterra Elia
                Via Esino 36, 60020 Torrette (AN), Italy

                - Nice communication skills
                - Management and maintenance of electronic devices
                - Using technical language to inform people

September 2014 - June 2019   **Student at IIS Volterra Elia Technical High School:**
                              "Electronics and Electrotechnics" study course (five years).
                              Diploma with final vote 95/100

                              I.I.S. Volterra Elia
                              Via Esino 36, 60020 Torrette (AN), Italy

                              Main subjects I studied:
                              - Electronic and electric engineering
                              - Electronic Systems and Automation
                              - Technology and Design of Electronic and Electrical Systems
                              - Mathematics
                              - Italian language
                              - English language (Level B2)

May 2019	**Conference speech about the "Alternanza Scuola – Lavoro" programme**

UIL Scuola Rua
Via XXV Aprile 37A, 60125 Ancona (AN), Italy

- Discussing in public about political and instruction problems
- Having conversations with important people

November 2018	**School Delegate at "FUTURA ANCONA" electronics exhibition organized by "IIS Volterra Elia"**

I.I.S. Volterra Elia
Via Esino 36, 60020 Torrette (AN), Italy

- Public speech skills
- School instrumentation management
- Children relationship skills

April 2018	**School Delegate at "RomeCup" electronics exhibition**

Modelling Laboratory, Engineering of Information department, Faculty of Engineering, Università Politecnica delle Marche

Via Brecce Bianche 12, 60131 Ancona (AN), Italy

- University equipment management
- Professional descriptive capacity

November 2017 - December 2017	**Panel Examiner at "Corto Dorico" film contest**

Nie Wiem

Via Matteotti 175, 60121 Ancona (AN), Italy

- Cinematographic culture
- Critical skills
- Scene evaluation abilities

euro*pass*

PERSONAL SKILLS

Mother tongue(s)   Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English

B2	B2	B2	B2	B2

Cambridge FIRST Certificate (FCE)

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills
- Good communication skills acquired during the internships
- Professional relationship building ability developed by the contact with other workers

Organisational / managerial skills
- Leadership skills obtained in Loccioni Company as Project Manager
- Excellent organisational and prioritisation skills (through Gantt graph building)

Job-related skills
- Advanced soldering skills acquired during technical activities at school
- Good ability in mounting ad replacing THM components in electrical circuits
- Basic engine mechanics knowledge

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Indipendent user	Indipendent user	Indipendent user

ECDL Full Standard

Levels: Basic user - Independent user - Proficient user
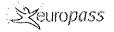Digital competences - Self-assessment grid

Computer skills
- Good ability in Gantt graph builder programme (for organisational purposes)
- Experienced user of development environments (LabVIEW, Arduino, C++, LOGO, MPLAB-X) and hardware design and simulation programmes (KiCad, Multisim, Logisim)
- Advanced programming skills on LabVIEW
- Basic knowledge in CAD programs (FreeCAD, CATIA)

Other skills
- Good ability of giving presentations to large audiences
- Availability for new friendships and professional relationships
- Expert in helping other colleagues in study activities
- Very good problem-solving skills(especially for technical or digital issues)
- Excellent children's entertainment skills acquired in six years of school camp management for a non-profit organization
- Good ability in manual activities (particularly in hardware jobs)

Driving licence   A2, B

ADDITIONAL INFORMATION

Projects
- (Present) Involved in the founding of "ANcybernetics" (startup that develops biomorphic marine robots for edutainment purposes)
- (2018) High School project "AirCloud" (air quality control system device)

Honours and awards
- (17 November 2018) Prize for winning the Regional stage of "Premio Nazionale Scuola Digitale 2018" contest with the project: "AirCloud"
- (9 November 2018) Prize for winning the Provincial stage of "Premio Nazionale Scuola Digitale 2018" contest with the project: "AirCloud"

Memberships
- (October 2018 - Present) Member of "CAMSA" Italian vintage cars and motorbikes club
- (June 2012 - Present) Member of "Oasi di Paradiso" non-profit organization

Courses
(November 2017) 30-hours Cinematography training course during "Corto Dorico"

Certifications
- (2019) COMAU certification (after a course about controlling and maintaining a robotic arm for industrial purposes
- (2014, 2015, 2016, 2017) Study distinction certification during four years in High School: grade point average over 8/10
- Cambridge Assessment English – First Certificate
- (2016) ECDL Full Standard certification