



Born / 01/12/1992 Age / 27
Place of birth / SANT'AGNELLO (NA)
Nationality / citizenship / Italy
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SOFT SKILL

Autonomy 8/10
Self confidence 8/10
Flexibility/Adaptability 8/10
Resistance to stress 8/10
Ability to plan and organize 8/10
Managing information 8/10
Precision/Attention to details 8/10
Learn continuously 9/10
Achievement of objectives 8/10
Entrepreneurial spirit and initiative 8/10
Communication 8/10
Problem Solving 9/10
Team work 8/10
Leadership 8/10

FOREIGN LANGUAGE SKILLS



ENGLISH FAIR B1 B1 B1 B1 B1

DIGITAL COMPETENCES

Self-assessment grid



Information processing Basic user
Communication Basic user
Content creation Basic user
Safety Basic user
Problem solving Basic user

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes** /
Doctoral studies
PREFERRED DISTRICT TO WORK IN: 1.
NAPOLI / 2. ABROAD
AVAILABILITY FOR BUSINESS TRAVELS:
Yes, including relocation
AVAILABILITY TO RELOCATE ABROAD:
Yes, even in non-European countries

Career Goal

I am interested in professional growth in order to be able to access roles of greater responsibility and autonomy, the goal of being able to create something personal, or to work in an ever-growing international environment.



WORK EXPERIENCES

Undergraduate Internship (Traineeship) TU-DELFT UNIVERSITY, VERTIGO TECHNOLOGIES B.V.

Computer science, data processing and acquisition
DELFT (PAESI BASSI/OLANDA)
02/2019 - 08/2019

Main activities and responsibilities: The project was divided into tasks:

1. Creation of a semiautomatic measurement setup for microwave measurement through an open-ended coaxial probe of the permittivity of biological materials.
2. Implementation of a new measure flow for the permittivity extraction, to enhance the speed, and to be able to extract with better precision the internal permittivity of a fruit.
3. Extracting the models from the data measured to be able with machine learning to sort good fruits and the defected ones.

Acquired skills and achieved objectives: Greater autonomy with Matlab;

Use of NI sensors and DAQ interfacing.
Creation of graphic interfaces with Matlab.
Control of a Thorlabs engine through Matlab through Trial & Error procedure.
Greater autonomy and independence.
Employed as: intern/trainee - undergraduate internship | Number of hours: 4320 | Company sector: Engineering and design

other information

Currently employed: No
Registration at the employment office: Yes
Voluntary service: Yes
Work experience made during studies: Yes



ACADEMIC STUDIES

MASTER'S DEGREE 2014 - 2020



Università degli Studi di NAPOLI 'Federico II'
Dipartimento di Ingegneria Elettrica e delle Tecnologie dell'Informazione

Corso di laurea magistrale in ingegneria elettronica
specific field of the degree course: misure a microonde
LM-29 - 2nd level degree in Electronic engineering

Dissertation/thesis title: Semi-Automatic Dielectric Characterization for the FRESCO Project-Fruit Ripening Evaluation for the Supply Chain Optimization | Dissertation/thesis subject: Misura Microonde ed Onde Millimetriche | Thesis supervisor: Ettore Napoli | Dissertation/thesis keywords: microwave, dielectric measure, debye model, dielectric permittivity

Age at graduation: 27 | Official duration: 2 years
Final degree mark: **110/110 cum laude**
Graduation date: 14/07/2020

BACHELOR'S DEGREE

Università degli Studi di NAPOLI 'Federico II'

2010 - 2015
CERTIFIED TITLE



Dipartimento di Ingegneria Elettrica e delle Tecnologie dell'Informazione
Ingegneria elettronica

specific field of the degree course: fisica
L-8 - 1st level degree in Information technology
Dissertation/thesis title: ELECTROMAGNETIC METAMATERIALS FOR A NEW GENERATION OF ULTRASENSITIVE CHEMICAL OR BIOCHEMICAL SENSORS | Dissertation/thesis subject: FISICA GENERALE II | Thesis supervisor: ANDREONE ANTONELLO | Dissertation/thesis keywords: Forse cercavi: Metamaterials, Sensori biologici e chimici, metamaterials applications in sensing 79/500

Age at graduation: 22 | Official duration: 3 years
Final degree mark: **98/110**
Graduation date: 09/03/2015

TECHNICAL CERTIFICATE
CASTELLAMMARE DI STABIA
2010

Industrial Vocational School
ITI R.ELIA- C/MMARE-, CASTELLAMMARE DI STABIA (NA)
School-leaving examination mark: **92/100**
Kind of secondary school diploma: Italian secondary school diploma



INFORMATION TECHNOLOGY SKILLS

BASIC DIGITAL COMPETENCE

Operating systems **Fair**
Programming languages **Fair**
Electronic spreadsheet **Fair**
Internet skills **Good**

PROGRAMMING LANGUAGES KNOWN

C++, C, Verilog.

SOFTWARE APPLICATIONS

Dev C++, C, PSpice, LTSpice, Matlab, Labview, QucsStudio, Ansoft Designer, Photoshop



STUDIES AND EXPERIENCES ABROAD

NETHERLANDS 2019

European Union program (Erasmus)
At: TU-Delft
Place: **Delft (Netherlands)** | Language: English | Duration: 6 (months)
Traineeship at TU-Delft through Vertigo Technologies B.V. with prof. Marco Spirito, Ph.D. Luca Galatro, and Dr. Raffaele Romano. The project called FRESCO was divided into tasks:
1. Implementation of a semi-automatic fruit handler
2. Creation of a GUI for the motor control in Matlab GUIDE
3. Development of an existing algorithm for the extraction of the internal permittivity
4. Data elaboration for the pulp extraction
5. Application of machine learning to sort good fruits from defected ones.



EVENTS / EXHIBITIONS

CONTRIBUTION 2009

Diploma



TEACHING ACTIVITIES

LESSONS/LECTURES 2019

Federico II, Napoli
Analisi Matematica 1
Tutor at the Federico II Faculty of Engineering of Naples in

Mathematics.
Main Professor: Nicola Pasquino
Character: Tutor