



Octavian Puiu Chiriac

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Nationality: Italian, Romanian

ABOUT ME

My professional goal is to become a specialist in digital technologies applied to agriculture to make it more sustainable. Currently, I am pursuing a PhD focused on the analysis and development of algorithms for calculating nutrient requirements in various cropping systems. I did my master's thesis on a decision support system (DSS) for grapevine downy mildew management. I have been involved in volunteer work for many years and have had many opportunities to test myself by developing teamwork skills, initiative and problem-solving.

EDUCATION AND TRAINING

[2022 – Current]

Doctor of Philosophy

University of Turin | <https://www.unito.it/>

City: Turin | **Country:** Italy | **Field(s) of study:** Agriculture, forestry, fisheries and veterinary | **Thesis:** Analysis and development of algorithms to calculate the nutrient requirement in various cropping systems.

- bibliographic research
- data analysis
- scientific writing

[2019 – 2022]

Master's degree

University of Turin

City: Turin | **Country:** Italy | **Field(s) of study:** Agriculture, forestry, fisheries and veterinary | **Thesis:** Grapevine downy mildew management using the OPTIMA Decision Support System (DSS)

[2015 – 2019]

Bachelor's degree

University of Turin

City: Turin | **Country:** Italy | **Field(s) of study:** Agriculture, forestry, fisheries and veterinary | **Thesis:** Final report on nitrogen use efficiency in cereal crops

WORK EXPERIENCE

[06/2022 – 09/2022]

Employee

Corintea Società Cooperativa

City: Turin | **Country:** Italy

Controls in agriculture by photointerpretation of aerial or satellite images.

[10/2021 – 02/2022]

Employee

Horta S.r.l.

City: Piacenza | **Country:** Italy

Comparative analysis and evaluation of Horta's DSS and study of their market potential in Romania.

[03/2021 – 06/2021]

Curricular internship

SATA Srl

City: Alessandria | **Country:** Italy

Exploration of IT-Agrifood technologies and study of applications in the company.

[09/2019 – 10/2019]

Extracurricular Traineeship

Universitat Politècnica de València (UPV)

City: Valencia | **Country:** Spain

Nutritional analysis of organically grown tomatoes, data collection and analysis.

LANGUAGE SKILLS

Mother tongue(s): Romanian , Italian

Other language(s):

Spanish

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

R (Data Analysis) | Microsoft Office (Outlook, Excel, Word, PowerPoint) | Google Suite (Doc, Slides, Form, Sheet, Drive) | QGIS | AutoCAD

VOLUNTEERING

Member of the Association of Agricultural, Forestry and Food Science Graduates (ADAF)

[09/2022 – Current]

Turin, Italy

Reference person for the conference series "Agriculture around the World".

Link: <https://www.youtube.com/@adaftorino>

DRIVING LICENCE

Motorbikes: AM

Cars: B

HOBBIES AND INTERESTS

Sports

hiking, capoeira, boxing