

Thomas Clerc

Agronomy MEng & Environmental Sciences MSc

Willing to transform our society towards resilience and sustainability

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📍 Dublin, Ireland

🌐 culturedmedium.com

WORK EXPERIENCE

Research Intern & Consultant

AMOLF 

11/2022 - 08/2023

Amsterdam, Netherlands

Research on Arbuscular Mycorrhizal Fungi in a multi-institution collaboration involving physicists and ecologists.

Publications

– Upcoming

Agricultural worker

Domaine Léon Barral

08/2022 - 10/2022

Lenthéric, France

Field work, fermentation monitoring & animal management (80 ha)

Research Intern

Roscoff Marine Station - CNRS 

04/2022 - 08/2022


Roscoff, France

UMR 8227 : Laboratory of Integrative Biology of Marine Models

Development of microfluidic devices to cultivate *S. latissima*'s embryos :

– Co-first author of [10.3390/bioengineering911071](https://doi.org/10.3390/bioengineering911071)

Research Intern

IBPC - CNRS 

06/2020 - 08/2020

Paris, France

Insertional mutagenesis of *Chlamydomonas reinhardtii* (8000+ mutants).

Identification of 3 mutants of interest.

Research Intern

Brian Ho Lab - ISMB 

01/2019 - 08/2019

London, United Kingdom

Fusion protein design & time-lapse fluorescent microscopy.

EDUCATION

Environmental Sciences MSc

Trinity College Dublin

09/2023 - Present

Dublin, Ireland

As part of a double diploma, covering :

– Geology, Hydrology, Geography (GIS), Mineral economy, Irish policies, Environmental monitoring and data science.

AgroParisTech MEng

Paris-Saclay University

09/2020 - Present

Paris, France

French top-tier engineering school coursework, including :

– Applied Mathematics, Physics, food sciences, crop sciences, environmental sciences, Engineering and Humanities.

Life Sciences BSc

Université Rennes 1

09/2017 - 06/2020

Rennes, France

Magna Cum Laude, Majoring :

– Cellular & Molecular Biology, Genetics & Microbiology.

SKILLS

Adaptability

Critical thinking

Project management

Time series analysis

Laboratory techniques

Python 3

GIS

R

Bash

ImageJ

Linux

PROJECTS

Food Fermentation Lab (2020 - Present)

Personnal cultures of : *A. oryzae* (Misos, Garums, ...), *A. aceti* (Vinegar), LABs (Lactofermentation), *P. ostreatus* (Pleurotus) & Kombucha.

Symbiose Fermentation lab (04/2022 - 10/2022)

Consultant for the creation of a Koji culture unit & garum maturation chamber in a Bordeaux-based contemporary restaurant & cocktail bar.

ORGANISATIONS

CulturedMedium.com (2020 - Present)

– Interdisciplinary Art & Science collaboration
– Blog & Newsletter presenting trans-disciplinary essays & project

C.E.R.E.S. (11/2020 - 11/2021)

– Co-founder & President of a student Science non-profit organisation
– Promoting fundamental research visibility through conferences (averaging 70 attendees), lab workshops & internships orientation

Student Life & Teaching Council - AgroParisTech (11/2020 - 11/2021)

– Elected Council Representative (10 Rep. for 2 420 students)

French National Lifeguard Association : S.N.S.M. (2015 - 2018)

– Rescue operations and prevention at cultural events.
– Highest french first-aid qualification (PSE-2)

SCHOLARSHIPS

– E3 Balanced Solutions for a Better World (2023)

– Bourse au Mérite (2017 - 2020)

LANGUAGES

English



French



Italian



OTHER INTERESTS

Sailing

Woodwork

Oil painting

Microscopy

Gardening

Cider production

Clarinet