

# Thomas Clerc

Agronomy MEng & Environmental Sciences MSc

Willing to transform our society towards resilience and sustainability

 t.clerc@pm.me

 +33 6 43 23 43 77

 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