

L.J. Fitzgerald

Address: Corbally Stud, Celbridge, Co Kildare

☎: 087-4306020

✉: lj.fitzgerald1@outlook.com

DOB: 06/08/1992

Professional Profile

My career objective is to secure a role within the environmental/energy industry and demonstrate the skills I have developed from university and thereafter. I hope to find an occupation which plays a hand in helping to conserve the integrity of the environment we inhabit. I wish to join a company where people can work in an environment where the ideas of all are respected, and a team effort is employed collaboratively towards reaching target goals. I have a full driver's license with insurance.

Professional Experience

2021-2022

**BuildCert
BER Assessor**

Duties included:

- Maintaining sharepoint server files between companies
- Surveying and publishing domestic BERs
- Managing, checking, and invoicing sub-contractor work

2020

**HESS (Taiwan)
English Teacher**

- Creating lesson plans every day in accordance with different age groups and courses
- Classroom management
- Grading homework
- Communication with parents.

2017-2019

**The Queally Group
Energy Systems Engineer**

- Creating documents for ISO energy management accreditation.
- Auditing for ISO 50001.
- Creating and communicating AutoCad files for building and product management.
- Meter readings and keeping meter/energy records to date.
- Purchasing materials/equipment, organizing delivery and storage of materials/equipment for projects.
- Installing small energy projects on-site.
- Experience with a portable inline water flow meter, thermal IR camera and manometer + pitot tube.

2013-2016

**The Roost Bar
Bartender/Stock Taker**

- Maintaining adequate stock to ensure the smooth running of various busy bars.
- Ordering and replenishing the cellars and bars.
- Bartending and customer facing duties.

Education

September 2015 – September 2016

UCD - Sustainable Energy and Green Technologies MSC

Grade: 2.9 GPA, Second Class Honours.

Relevant modules:

- Energy Systems & Sustainable Environments
- Waste to Energy Processes & Technologies
- Quantitative Risk Assessment for Human and Animal Health
- Environmental Engineering
- Life Cycle Assessment
- Buildings and Environment
- Advanced Air Pollution

Research Project: Monitoring the biodegradation of biopolymers using hyperspectral imaging.

Developed Skills:

- Capable of creating life cycle assessment models for a product or service using GABI.
- Can use a spectrophotometer or spectrometer.
- Novice user of MatlabTM coding software.
- Experience spin casting and blending polymers.

September 2011 - September 2015

NUI Galway - Environmental Science (Bachelor's Degree)

Grade: 2.5 GPA, Second Class Honours.

Relevant modules:

- Environmental legislation for environmental scientists
- Environmental Impact Assessment
- Introduction to applied field hydrology
- Statistics
- Geographic Information systems and biostatistics
- Nature conservation and habitat management
- Global change
- Environmental microbiology

Research Project: Spent mushroom substrate as an organic fertilizer and soil conditioner.

Developed Skills:

- Adept user of all Microsoft office applications
- Adept ArcGIS user for operations such as density mapping, interpolation etc.
- Statistical software (Minitab and SPSS) for simple analysis in descriptive statistics, linear regression and student's T-tests.
- Good knowledge of hydrological and microbiological processes.

2005-2011

The King's Hospital

Leaving Certificate (390 points)

Subjects: English, Irish, Maths, Physics, Agricultural Science, Biology, Economics, Spanish

Strengths

- Passionate learner
- Determined nature
- Effective communication skills
- Ability to work independently and as part of a team

Interests, Hobbies & Achievement's

- Keen interest in new developments in energy since my time at UCD.
- Previous GAA member and affiliated with the Rathcoole GAA community.
- Vice-captain of secondary school basketball team. Medals in All-Ireland's athletics.
- Represented Ireland at the World Ultimate Championships of Ultimate Frisbee.

References available upon request