

**Erifeoluwa Jamgbadi**  
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**Education:**

St. Joseph's Primary School,  
Summerhill,  
Drum Road, Athlone,  
Co. Roscommon.

Our Lady's Bower,  
Retreat Road,  
Athlone,  
Co. Westmeath.

Double degree, Computer Engineering,  
Kyungpook National  
University, 80 Daehakro,  
Bukgu, Daegu 41566 South  
Korea.

Graduation: June 2021  
Grade Point Average: 1<sup>st</sup> class

Bachelor of Science (Honours) Computer Science (International),  
Technological University of Dublin – City Campus,  
Dublin 2, D08X622.

Anticipated graduation: May 2022  
Grade Point Average: 2.1

**Work Experience**

Job Title: Educational Content Developer

Company Name: MicroComputing

Working Date: December 2020 – June 2021

Company Location: Daegu, South Korea

Skills: Microsoft office, teamwork, communication, teaching, research, STEM, robotics, Artificial Intelligence

Job Description: I developed, implemented and updated high-quality learning content in a variety of formats for instructor led courses, virtual course materials, PowerPoint presentation. I worked collaboratively with fellow content writers to edit and improve lessons. I helped develop content to put in artificial intelligence and robotics book for children.

Job Title: Wordpress Developer

Company Name: PAIRFUM - London by (InovAir Ltd)

Working Date: June 2020 – August 2020

Company Location: London, United Kingdom

Skills: WordPress, web development, communication, time management, designing

Job Description: I changed the page of the company from page builder to Gutenberg and amp pages. I compared mobile speed combability between old pages and the new pages. I updated plugins on the website. I documented settings and work done on the web design project. I communicated with my mentor on weekly work done.

## **Projects**

### Algorithm & Data Structure Project - May 2020

- Used Java to implement Prim's algorithm for finding the minimum spanning tree for a weighted graph, using heap and DF algorithm using both iteration and recursion for connected graphs.  
I researched prim's algorithm using iteration, recursion, depth first search and heap. I constructed two connected graphs and one disconnected graph in notepad++. I drew adjacency lists showing the graph representation. I created a depth first search program. I modified the prim's algorithm program, so that it contained the depth first search program as well. I tested the program on the graphs I constructed. I created a document describing my overall contribution to this project.  
The problem which I solved was getting the minimum spanning tree of the graph using the program, instead of manually doing it.  
[/github.com/erifejams/Algorithm-Design-and-Problem-Solving-2](https://github.com/erifejams/Algorithm-Design-and-Problem-Solving-2)

### Database I Group Project - December 2019

- Used SQL to create a database in Oracle that implements the design, we developed for a car company (case study).  
My overall contribution to this project was organising the groups weekly meetings, sharing my input about the case study with the team, documenting my assigned tasks and designing the logical model. I ensured the project was completed and correctly documented before I submitted it. The problem we solved was to create an easy and efficient database for the company to use.

## **Activities**

- Elected as Health & Safety Officer and Treasurer of TU Dublin Korean Society.
- 300 hours of volunteering (e.g. Alone, First Light, Fashion Relief, university societies) from November 2018 – currently.
- Assisted in the execution of ESTeEM mentoring event for female students in STEM in TU Dublin.
- Currently doing activities to get my silver medal in Gaisce

## **Honors/Awards**

- Achieved a 1<sup>st</sup> class overall grade so far in college.
- Attained a Digital Marketing Apprenticeship Certification.
- Part of the Irish Computer Society in Ireland.
- Selected as Student Ambassador of Science & Health in Technological University of Dublin – City Campus.
- Spoke to potential TU Dublin students about computer science.
- Gaisce Bronze Award.
- Gave Hash Code a try in 1st year.
- Selected among hundreds of applicants for WTM scholarship program at Google (Dublin).