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# Derrick Afrifa

## Computer Science student

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[derrickafrifa.github.io](https://derrickafrifa.github.io) , [github.com/DerrickAfrifa](https://github.com/DerrickAfrifa)

## OBJECTIVE

I am looking for an internship opportunity that will allow me to apply my problem solving skills and gain some experience working alongside a team on an industry level project.

## PROJECTS

Some of these projects are hosted on my GitHub page.

### **Bus data visualisation:**

Worked as part of team of 4 people developing a program that read in Dublin Bus information from SQL databases and visualised data. I developed the main UI in a particular screen as well as displaying some of the information in creative ways using automating tools that I created.

### **Text file compression (using Huffman Encoding):**

I did some text compression using the Huffman Encoding technique in C.

### **Low level image processor / High level image processor:**

Image processing using ARM assembly language and Python. (results can be seen on GitHub).

## EXPERIENCE

Git, Python, Java, JavaScript, C, HTML & CSS, jQuery, ARM assembly, Processing, p5.js, Bootstrap, PHP, SQLite, Django, Linux

## EDUCATION

**St Mary's Academy CBS Boys, Carlow** - *Leaving Cert (565 CAO points)*

**Trinity College, Dublin** - *First class in year 1 assessment. (Computer Science).*

## AWARDS AND ACTIVITIES

Joint Best Junior and Leaving Cert. Student of the year 5th year. Manchester Keelie cup silver medal. U14 Carlow league final MOTM. Youth choir mentor at GFIC. Keyboard player at FAM Blanchardstown. Self taught keyboard and guitar player. Keyboard and guitar teacher.