# KYLE ARTHURS

Computer Engineer

## CONTACT

✉ **kylearthurs2000@outlook.com**

📞 **083 084 9010**

## PORTFOLIO

💼 **LinkedIn**

🐙 **GitHub**

🔺 **Google Drive**

**Please click the links**

- Arduino Based RC Robot
- Raw C Toggle Code
- Facebook Homepage Clone

## HOBBIES

3D Modeling & Design
Circuit Design & Programming
Writing & Illustrating
Reading

## REFERENCES

"Having taught Kyle in a number of Academic Modules and advising him on Project work I can confirm that he is a good problem solver, hard working, professional and punctual.

I have no hesitation in recommending Kyle as a valuable addition to any workforce."

-**Ben Toland.** Via **LinkedIn**

## PROFILE

I am an enthusiastic Computer Engineer focusing on both Hardware and Software Development with an understanding of Computer Science fundamentals and an interest in problem solving on teamwork-based projects. I can be trained in new technologies quickly and efficiently.

Experienced with multiple Programming languages including:
- C (Embedded Software)
- C++
- Java
- Python
- HTML5 / CSS3 and JavaScript
- MATLAB
- Linux
- Database

Having studied both Analog and Digital Electronics I am able to apply my knowledge complex projects using hardware such as:
- Microcontrollers
- Embedded Systems
- Sensors
- Transistors
- Microphones and Speakers
- Displays
- USB / USB C

Coupling that with knowledge and experience in Computer Aided Design (CAD, using AutoCAD, Fusion360 and Solidworks) for 3D modelling projects, designing PCB's, Technical Documentation and drawing Schematics, I believe working in the right team, I can prove to be a valuable member for any given project or task, as I have been very successful in teams as the lead or under direction and very effective in time constrained or stressful situations utilizing Communication skills and Leadership principles.

Being trained in Electrical Engineering I have experience with the necessary equipment required when wiring circuitry and I am trained in electrical safety protocols and procedures.

## EDUCATION

**Technological University Dublin**
2018 - 2022
I studied **Computer Engineering** in Dublin's first technological university, where I was able to develop my skills during this course and explore my passions within the stem field.

I made sure to apply myself inside and outside of class, securing an **A Grade** in both my **ECAD** class and my **Microprocessor Applications** class, both of which providing me with valuable information on computers from a hardware and software perspective.

## SKILLS

| Mark-Up & Programming Languages | IDE's & Compilers | Other Skills |
|---|---|---|
| C/C++ | Visual Studio Code | Computer Networking |
| Java | Eclipse | Computer Aided Design |
| HTML/CSS | Arduino | Microprocessors |
| JavaScript | Code Blocks | Embedded Systems |
| Assembly | Keil | Objected-Oriented Programming |
| Python | MATLAB | 3D Design |