

Brian Farrell

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Second Year Computer Science, Trinity College Dublin.

SKILLS

Programming Languages: Java, C, C++, ARM Assembly Language, Verilog, HTML, CSS.

Experience using Subversion, Docker, Matlab and Linux.

Leadership and people skills developed from being a core member of various student environmental movements in college.

First year programming project team lead and manager.

Projects

I have several projects in Java, C and ARM available on my github. Please check them out <https://github.com/branflakes6>

Highlights include

- A Fully functioning Connect4 game with a computer player programmed entirely in ARM Assembly Language
- A Telecommunications project to send packets between a Command and Control, Broker and number of Workers that implemented Acknowledgements and Threading, as well as a project implementing Flow Tables and Flow Control.
- A Team Programming project written in Java using processing to display news and account data from a large database of information
- I am currently working with Trocaire to build an app to help rural farmers in impoverished countries detect and combat an invasive species of worms.

Education

Trinity College Dublin: Computer Science

2018-2022

Achieved a first class honor and a Book Prize in my first year examinations.

Trinity College Dublin: Earth Sciences

2016 - 2018 (Transferred to Computer Science)

Achieved a first class honor in my first year

Extra

Below is some of the environmental work I have been involved with in College

Trinity College Environmental Society

2017

I was an active member on the TCD Environmental Society committee, I helped organise and run a range of events.

Trinity Student Union Environmental Committee

2019

Member of the Student Union's Environmental Committee.