



# Brandon Walsh

## Profile

Fourth year Electronic & Computer Engineering Student currently performing at a 2.1 level. Passionate programmer and artist, Seeking to leverage love of computer design to provide fresh ideas for your company

## Professional Experience

### IT Intern

*Alexion Pharmaceuticals - April-September 2016*

- Provided highly personal and friendly technical support for over 3000 employees, local and global

### Office Assistant

*G4S - December 2014 - January 2015*

- Processed contact schedules for over 1000 clients
- Updated internal address database with over 1500 GPS coordinates

## Projects

### *Computational*

Final Year Project - Implementation of the Simon Block Ciphers

Mixed language project, centering around the design of various hardware encryption modules and connecting software interfaces and applications

metasophiea.com - Personal Website

Online portfolio of projects, including Javascript web apps, links to GitHub projects and artistic pieces

Nigel - Programming Language

An as yet unfinished, interpreted programming language written in assembly for PIC and Arduino

### *Artistic*

#### Music

Written and produced three albums and numerous individual pieces. Currently working on part two of my personal symphony

#### Podcast

Set up CommonRoomRadio podcast with college friends, for the people of the DCU eng/rb common room

## References

- Tony McDonagh - Director of IT, Alexion - tony.mcdonagh@alexion.com
- Sharon Jones - Manager, G4S - 01 2179114

brandon.walsh43@mail.dcu.ie  
089 255 1282  
linkedin.com/in/metasophiea  
github.com/metasophiea  
metasophiea.com

Drogheda - Dublin

## Education

Bachelor of Engineering  
Electronic And Computer  
Engineering  
Dublin City University  
2013 - 2017

Front End Development  
Certification  
Free Code Camp  
2015

## Skills

JavaScript  
HTML  
C/C++  
Java  
VHDL  
Assembly  
Graphic Design  
Creativity  
Video/Music Production  
Drawing/Painting  
Arduino  
Public Speaking  
Theatre Production

## Interests

Podcasts  
Reading  
Video Games  
Spirituality  
Design  
Hiking  
Rock Climbing