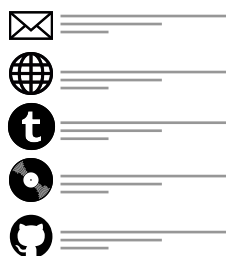# Thomas Power

Software Developer,
Music Technologist,
Composer.

✉ powerth@tcd.ie
🌐 tothepoweroftom.com
t tothepoweroftom.tumblr.com
◉ www.wildsurmisemusic.com
⌗ github.com/tothepoweroftom

Education

2016 - M.Phil
Music & Media Technologies
Trinity College Dublin
First Class Honours

2015 - Bachelor's
Theoretical Physics
Trinity College Dublin
First Class Honours

2011 - Leaving Cert
Pobalscoil Corca Dhuibhne

A1 - English, Maths, Spanish, Music,Physics

A2 - Engineering, Irish, Applied Maths

590/600 Points, top 2.5% Nationally

Software Skills

Javascript, HTML, CSS
C, C++
Csound, Max/MSP, PureData
Processing, Java
Swift, Xcode
Adobe Suite
Logic, Ableton, Reaper
Sketch 3, Latex

Experience

Summer 2016
Master's Thesis
Developed a web audio application which created music from footage of a DIY atomic particle detector. Entitled, *"Music From The Atom!"*
Website - https://tothepoweroftom.github.io/musicfromtheatom

2014-2015
Formant Wavefunction Synthesis
Final Year Thesis exploring Formant Wavefunction Synthesis, an audio granular synthesis method originally part of the CHANT project at IRCAM, Paris.

Summer 2014
Internship - TCD
A project that developed a new system of analysing light pollution in Ireland using image analysis techniques on photographs of the night sky.

2009-Current
Wild Surmise Music
Recording and producing music as Wild Surmise and L'Homme Moyen.
13 releases to date.

2015-Current
Film Composer
Scored two short films, Negative Space and Losing Touch. Worked as sound recordist/mixer on several more.

Summer 2015
Composure Startup
Co-founder and front end developer. Participated in Launchbox Startup incubator. A Mac OS app was developed in Swift that automatically transcribed guitar audio into tablature

2014-2015
Automatic Guitar Transcription Project
Project researching the development of an algorithm to automatically transcribe guitar audio into tablature notation. DSP techniques in Python and Matlab were used.

2011
Senior Certificate Piano
Achieved the highest degree in pianoforte offered by the Royal Irish Academy of Music.

Born 11/5/1993