

James Williams

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<https://jamespwilliams.github.io>

Education:

- **Imperial College London** London, UK
BEng, Computing *Sep. 2017 - June 2020*
Current assessed coursework average: 82%
- **Monmouth Comprehensive School** Monmouth, UK
GCSE & A-Level *2010-2017*
 - GCSEs: 7A*s, 4As
 - A Levels: 3A*s, 1A

Programming Projects:

A complete list of personal projects, with source code and more detail, can be found at:
<https://jamespwilliams.github.io>

Green & Jenks Point of Sale System

- Wrote a fully functioning, graphical point-of-sale system for a local ice-cream shop (A-Level coursework)

iPhone Applications

- Wrote and released an app which allowed users to convert ergometer data between various forms (split, time, distance, wattage, etc)
- Wrote and released a second app to change the font colour used by Snapchat to make text appear as rainbows, or have colour gradients. The app became fairly popular and I continue to update and maintain it.

Other iOS development

- Wrote a piece of software that allowed rooted iOS users to sort their home screen icons by particular metrics, such as usage or colour
- Also released a number of widgets using HTML, JS and CSS, with one particularly successful release achieving around 1000 paid downloads.

Miscellaneous

- Created a clone of a deprecated popular multiplayer webgame using NodeJS
- Created a PHP photo album script for my local rowing club

Languages: Haskell, Python, Javascript, NodeJS, C++, VB.NET, Java

Interests: Functional programming, data management

Miscellaneous Skills: Knowledge of unix style operating systems and source control (particularly Git), excellent communication skills, ability to stick with and complete real life projects, passion for learning and solving problems.