

# Matthew Flint

## Curriculum Vitae

### Personal Details

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Email: [mf@matthew-flint.co.uk](mailto:mf@matthew-flint.co.uk) Fourth year undergraduate with a 1st degree average from completed second and third years at the University of Birmingham.

Website: [matthew-flint.co.uk](http://matthew-flint.co.uk)

Graduating September 2017 and looking for employment in a role where I can become an integral member of a development team, allowing me to expand my responsibilities and increase my knowledge.

### Technical Skills

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**Programming experience:** JAVA, Javascript, Python, HTML & CSS, Haskell, OCaml

**Software:** L<sup>A</sup>T<sub>E</sub>X, Subversion, Git

**IDE's and Editors:** Eclipse, VIM, emacs, XCode, IntelliJ

### Technical/Industry Experience

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**Goldman Sachs** Jun 2015 - Present  
*Software development*

Currently undertaking a year-long internship at Goldman Sachs, London, during which I've been a member of a core development team with a focus on back-end applications. The majority of my time is spent extending and maintaining an internal tabular data handling package, which has included aspects of network programming and Java bytecode manipulation.

The internship has proved invaluable in improving my skills as a programmer, whilst also giving me first hand experience with large scale financial systems on the leading edge of the financial sector.

**YouTweak (Google Chrome extension)**  
*Software development*

Apr 2013 - Present

YouTweak is a personal project I developed and released on the [Chrome Webstore](#) as an extension, currently with over 8,300 weekly users. It is designed to enhance the functionality of the site YouTube.com catering to a power user. The extension integrates with the site seamlessly, mimicking the style and subtly adding new features all of which are configurable.

I created this extension because I am a regular user of YouTube and found that the default experience was lacking power user level features. I have been maintaining the program since its release and am observing a steadily growing user base.

## Academic Study

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**University of Birmingham:** MSci Computer Science 2012 - Present

1st (from average of completed second and third year)

Modules included: Software engineering, Introduction to Computer Security, Language and Logic, Information and the Web, Introduction to AI, Functional Programming, Computer Systems and Architecture, Foundations of Computer Science, Mathematics for Computer Science and Professional Computing.

**Hereford Sixth Form College:** A Level: Computing (A), Physics (B), Archaeology (A), General Studies (A) 2010 - 2012

AS Level: Maths (C), Critical Thinking (C)

**Hereford Cathedral School:** 11 GCSE's grades A-B 2005 - 2010

## Additional relevant qualifications

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Continually advancing my programming skills through personal projects, those that are released publicly are available through github under an open source license ([GitHub.com/Mattie432](#)).

Volunteered to help teach Computing classes at a local high school. Over the course of a term I was able to offer guidance to pupils in a one-to-one setting during practical sessions and was ultimately able to plan and deliver a full lesson to a class of 30. I initially found it challenging to convey common computing concepts to someone who hasn't thought in that way before, but after a few classes I was able to adapt my communication skills accordingly.