

# Matthew Flint

## Curriculum Vitae

### Personal Details

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Email: [mf@matthew-flint.co.uk](mailto:mf@matthew-flint.co.uk) Software developer with three years industry experience, having graduated with a First-class MSci in Computer Science.

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

Have experience in a core platforms team with a focus on backend applications where I managed and uplifted multiple SDLC related products used broadly across the firm. Looking to become an integral member of a development team with close alignment to stakeholders, allowing me to expand my responsibilities and increase my knowledge.

### Technical Skills

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**Programming experience:** JAVA, Scala, Python, Golang, Bash, JavaScript and HTML

**SDLCs:** JSI, Slang, Subversion, Git

**Tools:** Bazel, Gitlab CI, Maven, Gradle

### Technical/Industry Experience

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#### Goldman Sachs

*Software development*

Jul 2017 - Present

Jun 2015 - Jun 2016

Transitioned from an internship into a graduate role where my main responsibilities involve maintaining and expanding an internal SDLC and deployment environment called JSI. Often assist users with wide ranging support issues and provide oversight of dependency upgrades within the monorepo, from which I have gained a strong understanding of risk.

Core project member in a testing platform migration from concept to realisation. This involved designing the workflow with an emphasis on reducing false positive tests and providing more testing information to the end users. This required heavy collaboration with an internal team responsible for this product, where changing requirements needed us to adapt the already existing solution.

As part of improvements to my teams workflow, setup an end to end QA environment of our build\release pipelines where there was nothing previously. This gives us higher confidence in core changes and we are now able to mirror the capacity of production with a tool I built for prod-parallel replication.

Created tools to assist users in migration from our internal SDLC and onto more industry standard version control. This preserves project history by transforming our custom object model into git objects and then builds the commit tree.

YouTweak is a personal project I developed and released on the [Chrome Webstore](#) as an extension, currently with over 7,900 weekly users. It is designed to enhance the functionality of the site YouTube.com catering to more advanced users. 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, as a regular user of YouTube, I 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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<b>University of Birmingham:</b>	First Class (Hons) MSci Computer Science	2012 - 2017
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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.

<b>Hereford Sixth Form College:</b>	A Level: Computing (A), Physics (B), Archaeology (A), General Studies (A)	2010 - 2012
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AS Level: Maths (C), Critical Thinking (C)

## Additional relevant qualifications

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Presented multiple talks explaining the role of the SDLC at the firm, the tooling available at the firm and best practices. These talks were given to new joiners, and as such, needed to convey concepts and terms which may have been new.

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. 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.